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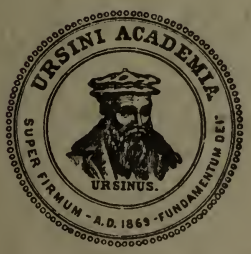
THE URSINUS BULLETIN
Vol. XVII, No. 1 First Quarter, 1919

Ursinus College

1918-1919



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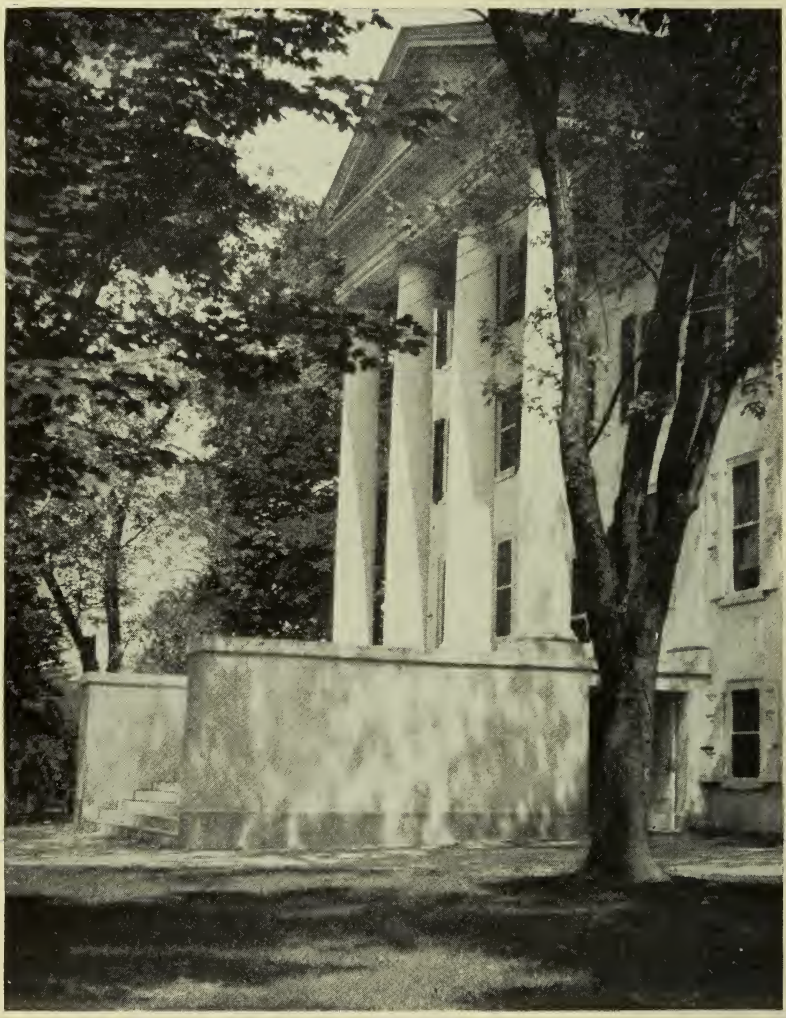

FREELAND MEMORIAL

THE URSINUS BULLETIN
Vol. XVII, No. 1 First Quarter, 1919

Ursinus College

1918-19

"An Institution where the youth of the land can be liberally educated under the benign influence of Christianity."—*The Founders.*

Published by Ursinus College, Collegeville, Pa.

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1919

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CALENDAR

1919

April	15, Tuesday,	Easter Recess begins, 4 p. m.
April	23, Wednesday,	Recess ends, 8 a. m.
May	26, Monday,	Senior Final Examinations begin.
June	2, Monday,	Semi-Annual Examinations begin.
June	8, Sunday,	Baccalaureate Sermon, 8 p. m.
June	9, Monday,	Examinations for Admission begin.
June	9, Monday,	Class Day Exercises, 2 p. m.
June	9, Monday,	Junior Oratorical Contests, 8 p. m.
June	10, Tuesday,	Annual Meeting of the Directors, 10 a. m.
June	10, Tuesday,	Alumni Meeting, 1 p. m.
June	10, Tuesday,	Alumni Oration, 8 p. m.
June	11, Wednesday,	Commencement, 10 a. m.
June	23, Monday,	Summer Session begins.
Aug.	1, Friday,	Summer Session ends.
Sept.	16, Tuesday,	Examinations for Admission.
Sept.	16, Tuesday,	Registration and Matriculation of Students.
Sept.	17, Wednesday,	Registration and Matriculation of Students.
Sept.	18, Thursday,	Instruction begins, 8.45 a. m.
Sept.	18, Thursday,	Opening Address, 8 p. m.
Sept.	20, Saturday,	Registration of Saturday Students.
Oct.	16, Thursday,	Examinations for College standing.
Nov.	26, Wednesday,	Thanksgiving Recess begins, 4 p. m.
Nov.	29, Saturday,	Recess ends, 8 a. m.
Dec.	23, Tuesday,	Christmas Recess begins, 4 p. m.

1920

Jan.	6, Tuesday,	Recess ends, 8 a. m.
Jan.	22, Thursday,	Semi-Annual Examinations begin.
Jan.	29, Thursday,	Second Term begins, 8 a. m.
Feb.	19, Thursday,	Founders' Day.*
Feb.	22, Sunday,	Washington's Birthday, a holiday.
Mar.	30, Tuesday,	Easter Recess begins, 4 p. m.
April	7, Wednesday,	Recess ends, 8 a. m.
June	6, Sunday,	Commencement Exercises begin.
June	9, Wednesday,	Commencement Exercises end.
June	21, Monday,	Summer Session begins.
July	30, Friday,	Summer Session ends.
Sept.	15, Wednesday,	Academic Year begins.

*Date subject to change.

URSINUS COLLEGE

HISTORICAL STATEMENT

In the year 1848, a School for the higher education of young men was established at Perkiomen Bridge, twenty-four miles from the State House in Philadelphia, on the main thoroughfare from Philadelphia to Reading, Pennsylvania. In keeping with the convictions, both religious and political, of its founder, the Rev. Abraham Hunsicker, the School was named "Freeland Seminary." Within a period of twenty years, more than four thousand young men from Pennsylvania, New Jersey, Maryland and Delaware received their education at this School.

In 1868, a body of men, actuated by a desire to serve the interests of higher education and evangelical Christian religion, met in the city of Philadelphia and resolved to found "an institution where the youth of the land can be liberally educated under the benign influence of Christianity." Ruled by this desire, they chose as the name of their institution that of one of the most distinguished reformers and scholars of the Reformation period, *Ursinus,* of the University of Heidelberg.

The Act of Incorporation under which Ursinus College is conducted was granted by the Legislature of Pennsylvania, February 5, 1869, and is as follows:

AN ACT

TO INCORPORATE URSINUS COLLEGE

SECTION 1. Be it enacted by the Senate and House of Representatives of the Commonwealth of Pennsylvania in General Assembly met, and it is hereby enacted by the authority of the same, that there shall be and hereby is erected, established and incorporated in Upper Providence Township, in the County of Montgomery, in this Commonwealth, an institution of learning, for the purpose of imparting instruction in Science, Literature, the Liberal Arts and Learned Professions by the name, style and title of URSINUS COLLEGE.

Section 2. Said College shall be under the care and management of a Board of Directors not exceeding twenty-one in number, who, with their successors in office, shall be and are hereby declared to be one body politic and corporate in deed and in law, to be known by the name, style and title of Ursinus College, and by the same shall have perpetual succession, and shall be able to sue and be sued, plead and be impleaded in all courts of law and equity, and shall be capable in law and equity to take, hold and purchase for the use and benefit of said College any estate in any messuages, lands, tenements, goods, chattels, moneys and other effects of any kind whatever, by gift, grant, bargain, sale, conveyance, assurance, will, devise or bequest from any person or persons, body politic or corporate, either municipal or otherwise whatsoever capable of lawfully making the same, and the same from time to time to grant, bargain, sell, convey, mortgage, farm, let, place out at interest, or otherwise dispose of for the use and benefit of said College; *Provided, however,* That no bequest or donation made to and accepted by said Board for specific educational objects shall ever be diverted from the purposes designated in the conditions of such gift and acceptance.

Section 3. That the Board of Directors shall have power to establish, from time to time, in said College, such departments of study and instruction as they may deem expedient, and to provide libraries, apparatus, cabinets, endowments and all other needful aids for imparting full and thorough courses of instruction therein. They may appoint a faculty or faculties, professors, lecturers and teachers, prescribe their respective duties, fix their compensation, and remove them, or any of them, as, from time to time, the interests of the College may require; they shall have power to purchase or erect buildings for the accommodation of students, professors and officers, and for other needful purposes; to establish rules and regulations for the government of students and officers, and to do all and singular such other things and matters as may be requisite for the well ordering and proper management of the affairs of said College.

Section 4. That the said Board of Directors shall at first consist of the persons herein named, to wit: *James Koons, Sr., J. Knipe, W. D. Gross, H. W. Kratz, A. Kline, H. K. Harnish, Abraham Hunsicker, Sr., J. W. Sunderland, John Wiest, A. W. Myers, H. H. W. Hibshman, A. Van Haagen, J. H. A. Bomberger, J. G. Wiehle, J. Dahlman, Jr., Emanuel Longacre, George Schall, W. L. Graver, William Sorber, Nathan Pennypacker, N. Gehr,* who, or any nine of them, on the passage of this act, or at any time within three months thereafter, may meet and organize

by electing a President and Secretary, and accepting this act, the evidence of which shall be the duly authenticated record of such meeting and action.

Section 5. That the Board of Directors shall have power to fill all vacancies in their own body, to expel any member thereof who shall be guilty of infamous conduct and to declare vacant the seat of any member who shall have, for three consecutive years, failed to attend the stated meetings of the Board; to appoint, from time to time, such additional officers and agents of their own body as may be deemed requisite, including a Treasurer, who shall always give ample security for the funds entrusted to his keeping; to adopt a common and corporate seal, by and with which all deeds, certificates, appointments and acts of said Board, signed by their President and attested by their Secretary, shall pass and be authenticated, and the same seal at their pleasure to break, alter or renew.

Section 6. That the said Board of Directors, at any meeting subsequent to their organization called for the purpose, and of which due notice shall have been given to each member, may adopt and establish a Constitution and By-Laws for the government of their own body, not inconsistent with this act, the laws of the State or the laws of the United States, which Constitution and By-Laws shall not thereafter be altered, amended or repealed except in the manner therein provided.

Section 7. That the faculty of any organized department in the College may, with the advice and consent of the Board of Directors, and under such regulations as they may prescribe, confer the degrees, honors, and dignities usually conferred by similar departments in the Colleges and Universities of this Commonwealth.

Section 8. That no misnomer of this corporation shall defeat or annul any gift, grant, devise or bequest to or from the said corporation. *Provided,* The intent of the parties shall sufficiently appear upon the part of the gift, grant, will, or other writing whereby such state or interest was intended to pass to or from said corporation.

The corporation was organized at a meeting of the Directors held in the city of Philadelphia, February 10, 1869. A permanent seat for the College was sought near Philadelphia. Attracted by the beauty of the region of Perkiomen Bridge, where Freeland Seminary had flourished for twenty years, and impressed by the reputation of the community for its interest in education, the Board of Directors purchased the property

of Freeland Seminary, and incorporated the latter into Ursinus College as its preparatory department. About this time the United States postal authorities named the post office at Perkiomen Bridge, Collegeville. Instruction was begun September 6, 1870. In 1881 the doors of the College and Academy were opened to women. The Academy was discontinued as a department of the institution June 8, 1910.

The Ursinus School of Theology was organized June 1, 1871, and opened for instruction the following September. The School was conducted at Collegeville in connection with the College till 1898, when it was removed to Philadelphia. March 8, 1907, a Compact of Union was ratified by the Board of Directors of Ursinus College, by which the instruction of the Ursinus School of Theology is conducted in the Central Theological Seminary, located at Dayton, Ohio.

Collegeville is easy of access by the Philadelphia and Reading Railway from Philadelphia, Allentown or Reading. Electric cars connecting Collegeville with Pottstown, Norristown and Philadelphia pass the College campus. The College grounds cover fifty-three acres, including a fine lawn and campus of ten acres, tennis courts, an athletic field, and several fields for agriculture.

NEEDS

The College has been developed in all respects as far as its present equipment and resources will permit. Its continuing growth should encourage friends of the institution to provide further for its needs. These have been embodied in detailed outline in a comprehensive Program for the Further Development of Ursinus College, adopted by the Directors on November 23, 1915. This Program, printed separately, constitutes a valuable guide to friends and benefactors who contemplate gifts to the institution or who would advise others in the interest of the College. A copy of the Program will be furnished on application to the President of the College, whose counsel should also be sought with a view to securing the most advantageous co-operation on the part of all.

BEQUESTS

All testamentary papers intended to convey funds or property to the College should be signed, witnessed and executed in strict accordance with the statutory laws of the State in which the testator resides. In all cases the name of the corporation should be accurately given, as in the following forms:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, the sum of ..... dollars, to be invested by said corporation, and the interest accruing therefrom to be applied to the maintenance of instruction in said institution.

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, a certain lot situated, etc., for the uses and purposes of said College according to the provisions of its charter.

Bequests intended for the Theological Department, formerly the Ursinus School of Theology, now conducted in the Central Theological Seminary at Dayton, Ohio, should be so designated but should be made in favor of Ursinus College in which the interests of this department are vested; as in the following form:

I give, devise and bequeath to URSINUS COLLEGE, located at Collegeville, Montgomery County, Pennsylvania, their successors and assigns forever, the sum of ..... dollars, to be invested by said corporation, and the interest accruing therefrom to be applied to the maintenance of the Theological Department of said institution.

Officers of the Corporation

President, Harry E. Paisley
Philadelphia

Secretary, Rev. S. L. Messinger, D.D.
Trappe, Pa.

Treasurer, J. Truman Ebert
Collegeville, Pa.

THE DIRECTORS

	First Elected	Term Expires
Henry T. Spangler, D.D., Collegeville,	1884	
James M. Anders, M.D., LL.D., Philadelphia,	1894	1919
Rev. J. W. Meminger, D.D., Lancaster,	1896	1921
Hervey C. Gresh, Norristown,	1901	1921
Edward A. Krusen, M.D., Norristown,	1903	1923
Rev. Philip Vollmer, Ph.D., D.D., Dayton, Ohio,	1905	1920
Elwood S. Snyder, M.D., Lancaster,	1905	1920
Hon. Andrew R. Brodbeck, Hanover,	1905	1920
Rev. I. Calvin Fisher, D.D., Lebanon,	1905	1921
Rev. James M. S. Isenberg, D.D., Philadelphia,	1906	1923
Rev. S. L. Messinger, S.T.D., D.D., Trappe,	1906	1921
A. D. Fetterolf, Collegeville,	1906	1921
Geo. Leslie Omwake, Pd.D., Collegeville,	1906	1921
Mayne R. Longstreth, Esq., A.M., Philadelphia	1907	1922
J. Truman Ebert, Collegeville,	1907	1922
Harry E. Paisley, Philadelphia,	1907	1922
Charles H. Edmunds, Esq., Philadelphia,	1907	1922
Rev. Edward F. Wiest, D.D., Lebanon,	1909	1919
Rev. George W. Henson, D.D. Philadelphia,	1911	1921
Whorten, A. Kline, Litt.D., Collegeville,	1912	1922
Joseph M. Steele, Philadelphia,	1913	1919
Abraham H. Hendricks, Esq., B.S., Collegeville,	1914	1919
J. F. Hendricks, Esq., A.M., Doylestown,	1915	1920
Alvin Hunsicker, B. S., New York,	1916	1921
Rev. Calvin D. Yost, A. M., B. D., Collegeville,	1916	1920

Committees of the Board of Directors

Executive Committee

A. D. Fetterolf,
H. E. Paisley,
H. T. Spangler,
S. L. Messinger,
G. L. Omwake,
J. T. Ebert,
A. H. Hendricks

Committee on Finance

G. L. Omwake,
J. M. S. Isenberg,
H. E. Paisley,
J. T. Ebert.

Committee on Buildings and Grounds

A. H. Hendricks,
A. D. Fetterolf,
W. A. Kline,
H. C. Gresh,
J. T. Ebert,
E. A. Krusen,
G. L. Omwake.

Committee on Government and Instruction

H. T. Spangler,
A. D. Fetterolf,
S. L. Messinger,
W. A. Kline.
G. L. Omwake.

THE ADVISORY COUNCIL

Cyrus H. K. Curtis, LL.D., Philadelphia

Hon. John Wanamaker, LL.D., Philadelphia

Alba B. Johnson, LL.D., Philadelphia

Administrative, Financial and Business Officers

George Leslie Omwake, B.D., Pd.D., *President.*

Rev. Whorten A. Kline, B.D., Litt.D., *Dean.*

Rev. Calvin D. Yost, A.M., B.D., *Librarian.*

Sara E. Ermold, *Assistant Treasurer and Office Secretary.*

Mrs. E. N. Ermold, *Principal of Olevian Hall and Superintendent of Dormitories.*

Clara E. Waldron, *Principal of Shreiner Hall.*

Mrs. C. V. Tower, *Principal of Trinity Cottage.*

Mrs. Emma G. E. Webb, *Superintendent, Domestic Department.*

Joyce Hamm, *Stenographer.*

THE FACULTY

GEORGE LESLIE OMWAKE, B.D., PD.D.,

President, and Professor of the History and Philosophy of Education.

A.B., Ursinus College, 1898, and A.M., 1901; B.D., Yale University, 1901; Pd.D., Franklin and Marshall College, 1910; Student in Theology, Philosophy and Education, Yale University, 1898-1901; Licensed, 1901; Ursinus College, 1901; Dean, 1903-09; Vice-President, 1909-12; President, 1912; Member of the Society of College Teachers of Education.

REV. WHORTEN A. KLINE, B.D., LITT.D.,

Dean, and Professor of the Latin Language and Literature.

A.B., Ursinus College, 1893; A.M., and B.D., 1896; Litt.D., 1913; Licensed, 1896; Graduate Student in Latin, University of Pennsylvania, 1897-1901, Ursinus College, 1893; Dean, 1909; Member of the Classical Association of the Middle States and Maryland; Member of the Philadelphia Botanical Club.

REV. JAMES I. GOOD, D.D., LL.D.,

Professor of the History of the Christian Church.

A.B., Lafayette College, 1872, and A.M., 1875; D.D., Ursinus College, 1887 and LL.D., 1911; Student, Union Theological Seminary, 1872-75; Licensed, 1875; Pastor, 1875-1905; Professor of Systematic and Pastoral Theology and Reformed Church History, 1890-1907; Dean, School of Theology, 1892-1907; Ursinus College, 1907.

HOMER SMITH, PH.D.,

Professor of the English Language and Literature.

A.B., Amherst College, 1891; Graduate Student, University of Pennsylvania, 1892-95; Ph.D., University of Pennsylvania, 1895; Instructor in English, University of Pennsylvania, 1892-98; Professor of English, Kamehameha School, Honolulu, 1899-1901; Acting Professor of English, Amherst College, 1901-03; Ursinus College, 1903; Member of the Modern Language Association.

MATTHEW BEARDWOOD, M.D., SC.D.,

Professor of Chemistry.

A.B., Philadelphia Central High School, 1890, and A.M., 1895; M.D., Medico-Chirurgical College, 1894; Sc.D., Ursinus College, 1916; Special Student of Chemistry, University of Pennsylvania, 1890-91; Instructor in Chemistry, Medico-Chirurgical College, 1896-99; Lecturer on Clinical Chemistry, 1899-1900; Adjunct Professor of Chemistry, 1900-14; Professor of General Chemistry and Toxicology, 1914-16; Ursinus College, 1903; Member of the American Chemical Society; Member of the Franklin Institute.

JOHN WENTWORTH CLAWSON, A.M.,

Professor of Mathematics.

A.B., University of New Brunswick, 1901; A.B., Cambridge University, 1904; A.M., University of New Brunswick, 1905; Lecturer in Astronomy, University of New Brunswick, 1904-05; Assistant in Physics, Ohio State University, 1905-06; Ursinus College, 1907. Member, The Mathematical Association of America.

REV. GEORGE HANDY WAILES, A.M., D.D.,

Professor of the Greek Language and Literature, and of the English Bible.

A.B., Princeton University, 1894, and A.M., 1896; D.D., Ursinus College, 1913; Student, Princeton Theological Seminary, 1894-97; Licensed, 1896; Pastor, Scots Presbyterian Church, Philadelphia, 1897-1908; Professor of Hebrew and Old Testament Literature, Temple University, 1906; Professor of Theology and Apologetics, 1908; Ursinus College, 1908.

CARL VERNON TOWER, PH.D.,

Professor of Philosophy.

A.B., Brown University, 1893; and A. M., 1895; Fellow, Sage School of Philosophy, Cornell University, 1896-97; Ph.D., Cornell University, 1898; Instructor in Philosophy, University of Michigan, 1898-1900; Assistant to the President, Clark University, 1900-01; Professor of Philosophy, Knox College, 1901-02; University of Vermont, 1902-09; Assistant Professor of Philosophy, University of Michigan, 1909-10; Acting Professor of Philosophy, Trinity College, 1912-13; Ursinus College, 1913. Member, American Philosophical Association.

WILLIAM WILSON BADEN, PH.D.,

Professor of Modern Languages.

Ph.D., Johns Hopkins University, 1892; Research Student, Berlin, Rome and Athens, 1896-98; Professor, University of Idaho, 1899-1907; Ursinus College, 1914.

RAYMOND BURTON MUNSON, A.M.,

Professor of History and Political Science.

Ph.B., Yale University, 1909; and A. M., 1911; Graduate Student, Yale University, 1909-13; Instructor in History and Political Science, Pennsylvania State College, 1913-16; Ursinus College, 1916. Member, American Historical Association.

HEBER WILKINSON YOUNGKEN, PH.G., PH.D.,

Professor of Biology.

Ph.G., Medico-Chirurgical College, 1905; A.B., Bucknell University, 1909; and A.M., 1912; M.S., University of Pennsylvania, 1914; and Ph.D., 1915; Student in Medicine and Demonstrator in Biology and Bacteriology, Medico-Chirurgical College, 1909-11; Professor in charge of Botany and Pharmacognosy, 1911-16; Assistant Professor, same subjects, Philadelphia College of Pharmacy, 1916-17; Professor and Director of Microscopical Laboratories, 1917-19; Ursinus College, 1918; Author of Pharmaceutical Botany, etc.; Member, Philadelphia Academy of Natural Sciences, Botanical Society of America.

REV. CALVIN DANIEL YOST, A.M., B.D.,

Librarian, and Assistant Professor of German and English.

A.B., Ursinus College, 1891; A.M., 1895, and B.D., 1907; Student, Ursinus School of Theology, 1891-93; Yale University, 1893-94; Principal, High School, Mahanoy City, Pa., 1896-1901; Pastor, 1894-96, 1901-07; General Secretary, Reformed Evangelical and Educational Union, 1907-10; Ursinus College, 1910.

The Faculty

*JOHN MYRON JOLLS,

Instructor in Voice Culture and Choral Singing.

Student under the direction of the Tonic Soh Fah College, London, 1893-96; Student in Sight Singing and Voice Culture under Frederick W. Root, 1894-95; Student under Perley Dunn Aldrich, 1899-1908; Teacher of Singing, 1894-1917; Ursinus College, 1908.

CLARA E. WALDRON,

Instructor in Piano, Harmony and History of Music.

Student under Harry R. Detwiler at Kidd-Key Conservatory of Music, Sherman, Texas, 1903-06, at Bush Conservatory of Music, Chicago, 1906-07, and in Chicago, 1909-10; Effa Ellis Perfield School, Chicago, 1916; Instructor in Piano, Maywood Conservatory of Music, Oklahoma City, Okla.; Galloway College, Searcy, Ark.; College of Industrial Arts, Denton, Texas; Baylor College, Belton, Texas; Ursinus College, 1917.

AGNES RODMAN MacCANN,

Director of Physical Training and Instructor in Public Speaking for Young Women.

Graduate, New Haven Normal School of Gymnastics, 1918; Instructor in Gymnastics, Worthington Hooker School, 1917-18; Ursinus College, 1918.

MARION GERTRUDE SPANGLER, A.B.,

Instructor in Singing.

A.B., Ursinus College, 1903; Student in Piano, 1903-07; Teacher's Certificate in Piano, 1907; Student in Singing under Herbert Wilber Greene, 1904-08; Instructor in Piano and Singing, Agnes Scott College, Decatur, Georgia, 1908-10; Instructor in Singing, Harcourt Place School, Gambier, Ohio, 1911-13; Student in Singing under Richard Lowe and in Diction under Frl. Wilcke, Berlin, 1913-1914; Student in Musical History, Columbia University, 1915-16; Assistant Instructor in Singing, Brookfield Summer School, 1917- ; Ursinus College, 1918.

GILBERT ALFRED DEITZ, A.B.,

Instructor in Chemistry.

A.B., Ursinus College, 1918; Medical Division, Research Division, Chemical Warfare Service, U. S. A., 1918; Ursinus College, 1918; Member American Chemical Society.

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* On leave of absence for the year.

OFFICERS OF THE FACULTY

Chairman, The President
Secretary, Professor Smith

ADVISERS

Classical Group, Professor Wailes
Mathematical Group, Professor Clawson
Chemical-Biological Group, Professor Youngken
Historical-Political Group, Professor Munson
English-Historical Group, Professor Smith
Modern Language Group, Professor Baden

COMMITTEES

Admission and Advanced Standing

The President — Professor Kline
Professor Clawson — Professor Tower

Library

The President — The Librarian
Professor Smith
Two Representatives of the Alumni Association

Athletics

Professor Smith — Professor Clawson
One Representative of the Board of Directors
Three Representatives of the Alumni Athletic Club
Two Representatives of the Student Body

Scholarships

The President — Professor Kline
Professor Yost

VIEW FROM MAIN STREET

ADMISSION

A student who wishes to enter Ursinus College must bring from the school or college he has attended, or from the teacher with whom he has studied, a testimonial of good character and a certificate of preparation for the work he desires to take, in the form prescribed by the college. Blank forms for these certificates are furnished by the Dean of the College, to whom all communications on the subject and all certificates are to be addressed.

Certificates of preparation should be filed, as far as possible, prior to the opening of College. When this is impossible, due to the absence of school officials or other sufficient reasons, the applicant may be registered and enrolled for instruction *provisionally.* If the applicant fails to present the certificate within one month after the opening of College he will then be required to take the regular entrance examinations.

Students from high schools, academies and normal schools approved by the faculty, or from other colleges, and candidates who have passed the examinations of the College Entrance Examination Board of the Middle States and Maryland, are admitted on certificate. All other candidates must satisfy the entrance requirements by examination. A candidate whose certificate does not cover the amount of work required in a subject may be admitted to college as a regular student with conditions as provided in the statement given on page 26.

REQUIREMENTS FOR ADMISSION

The studies which may be presented in satisfaction of the requirements for admission are set forth below. A candidate must present, either by examination or by certificate, satisfactory evidence of preparation in the studies he offers in accordance with the requirements in each study as defined:

English

The Uniform Entrance Requirements in English include preparation based upon two lists of books,—one of the books for reading

and one of the books for special study. In connection with the reading and study of prescribed books, the candidate should read other books and commit to memory a considerable amount of good English poetry. The reading should be done with a view to the development of literary appreciation, accuracy of expression and elegance of style.

(*a*) READING.—The candidate will be required to write a paragraph or two on each of several topics chosen by him from the list drawn from the books named below. This part of the examination is designed, primarily, to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the books prescribed. He should read the books as he reads other books not aiming to know them minutely, but to gain a knowledge of their most important parts. In every case knowledge of the book will be regarded as less important than the ability to write good English.

Every applicant will be examined in English Composition. No candidate will be accepted whose work is seriously defective in spelling, punctuation, grammar, or division into paragraphs.

The books provided for Reading for 1919 are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

Group I.—Classics in Translation. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid. The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

Group II.—Shakespeare: Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet. No one of the last three should be selected if chosen for study under B.

Group III.—Prose Fiction. Malory: Morte d'Arthur (about 100 pages); Bunyan: Pilgrim's Progress, Part I; Swift: Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe: Robinson Crusoe, Part I; Goldsmith: Vicar of Wakefield; Frances Burney: Evelina; Scott: any one of the novels; Jane Austen: any one of the novels; Maria Edgeworth: Castle Rackrent or The Absentee; Dickens: any one of the novels; Thackeray: any one of

the novels; George Eliot: any one of the novels; Mrs. Gaskell: Cranford; Kingsley: Westward Ho or Hereward, the Wake; Reade: The Cloister and the Hearth; Blackmore: Lorna Doone; Hughes: Tom Brown's Schooldays; Stevenson: Treasure Island or Kidnapped or Master of Ballantrae; Cooper: any one of the novels; Poe: Selected Tales; Hawthorne: The House of the Seven Gables or Twice Told Tales or Mosses from an Old Manse; a collection of short stories by various standard writers.

Group IV.—Essays, Biography, etc. Addison and Steele: The Sir Roger de Coverley Papers or selections from the Tatler and Spectator (about 200 pages); Boswell: selections from the Life of Johnson (about 200 pages); Franklin: Autobiography; Irving: selections from the Sketch Book (about 200 pages) or Life of Goldsmith; Southey: Life of Nelson; Lamb: selections from the Essays of Elia (about 100 pages); Lockhart: selections from the Life of Scott (about 200 pages); Thackeray: lectures on Swift, Addison, and Steele in the English Humourists; Macaulay: one of the following essays: Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame D'Arblay; Trevelyan: selections from the Life of Macaulay (about 200 pages); Ruskin: Sesame and Lilies or selections (about 150 pages); Dana: Two Years before the Mast; Lincoln: selections, including at least the two Inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman: The Oregon Trail; Thoreau: Walden; Lowell: selected essays (about 150 pages); Holmes: The Autocrat of the Breakfast Table; Stevenson: An Inland Voyage and Travels with a Donkey; Huxley: Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of essays by Bacon, Lamb, De-Quincey, Hazlitt, Emerson, and later writers; a collection of letters by various standard writers.

Group V.—Poetry. Palgrave's Golden Treasury (First Series): Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's Golden Treasury (First Series): Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith: The Traveller and The Deserted Village; Pope: The Rape of the Lock; a collection of English and Scottish ballads, as, for example, some Robin Hood ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads; Coleridge: The Ancient Mariner, Christabel, and Kubla Khan; Byron: Childe Harold, Canto III or IV and The Prisoner of Chillon; Scott, The Lady of the Lake or Marmion;

Macaulay, The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry; Tennyson, The Princess, or Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Browning, Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus—," Instans Tyrannus; Arnold, Sohrab and Rustum, and The Forsaken Merman; Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

(*b*) STUDY.—In addition an examination will be required upon the subject matter, literary form and logical structure of each of the works named below. A careful and critical study of the works will be necessary to prepare the candidate for the examination. The student may be required to answer questions on the leading facts of the literary periods to which the works belong and on the essentials of grammatical structure.

The books prescribed for this part of the examination are as follows:

For 1919, the books provided for Study are arranged in four groups, from each of which one selection is to be made.

GROUP 1. DRAMA.—Shakespeare's Julius Cæsar, Macbeth, Hamlet.

GROUP 2. POETRY.—Milton's L'Allegro, Il Penseroso, and either Comus or Lycidas; Tennyson's The Coming of Arthur, The Holy Grail, and The Passing of Arthur; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's Golden Treasury (First Series).

GROUP 3. ORATORY.—Burke's Speech on Conciliation with America; Macaulay's Two Speeches on Copyright, and Lincoln's Speech at Cooper Union; Washington's Farewell Address, and Webster's First Bunker Hill Oration.

GROUP 4. ESSAYS.—Carlyle's Essay on Burns, with a selection from Burns's Poems; Macaulay's Life of Johnson; Emerson's Essay on Manners. *Three units.*

Latin

The Latin reading required for admission of candidates for the degree of Bachelor of Arts, without regard to the prescription of particular authors and works, is not less *in amount* than Cæsar, Gallic War, I-IV; Cicero, the orations against Catiline, for the

Manilian Law, and for Archias. Whenever possible Vergil's Æneid, I-VI should be included in the student's preparation.

The amount of reading specified above should be selected by the schools from the following authors and works: Cæsar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Æneid) and Ovid (Metamorphoses, Fasti, and Tristia). *Three or four units.*

Greek

The candidate must show a mastery of the common forms, idioms and syntax of the language, and must know the rules of accent and their changes. He will be required to translate simple English sentences into Attic Prose, and translate, at sight, passages of ordinary difficulty taken from Xenophon. The following books will meet the requirement: White, First Greek Book, or an equivalent; Xenophon, Anabasis, books I-IV. *Two units.*

French

The general principles for the requirements in French are the same as for German. The candidate must be able to pronounce French accurately and possess a thorough knowledge of the rudiments of grammar, including the inflection of the more common irregular verbs and the elementary rules of syntax. He should be able to read at sight easy dialogue and modern French prose, and is required to put into French simple English sentences; to give abstracts of portions of texts already read; and to write French from dictation. He should have read from one hundred to one hundred and seventy-five pages of graduated texts and from two hundred and fifty to four hundred pages of easy modern prose in the form of stories, plays, or historical or biographical sketches. *Two units.*

Spanish

The work should comprise constant drill in pronunciation, the rudiments of grammar, including the conjugation of the regular and more commonly used irregular verbs, the inflection of nouns, adjectives, and pronouns, and the general rules of syntax. There should be daily practice in translating at dictation Spanish into English and English into Spanish. Some 300 pages from representative modern authors should be carefully read. *Two units.*

German

The candidate must possess an accurate knowledge of the rudiments of grammar. He should give special attention to the acquisition of a good pronunciation and to the memorizing and frequent repetition of easy colloquial sentences, and cultivate readiness in the reproduction of natural forms of expression. He is expected to have read from seventy-five to one hundred pages of graduated texts from a reader, and from one hundred and fifty to two hundred pages of literature in the form of easy stories and plays. He must be able to read, at sight, easy dialogue or narrative prose; to put into German short English sentences taken from the language of everyday life and based upon the text offered for translation; and to reproduce in an offhand way, both orally and in writing, the substance of short and easy selected passages. *Two units.*

History

The candidate's preparation in any of the following fields of History must include the general outlines of study as stated below. Geographical knowledge of the countries involved is extremely important. The examination will include:

Ancient History, as contained in West's Ancient World, or Myers's Ancient History (Revised Edition), in connection with Seignobos's Ancient Civilization. The applicant will be expected to be prepared to write on a topic selected from one of the following supplementary readings: Botsford's Athenian Constitution, Coulanges's Ancient City, and Ward-Fowler's City-State of the Greeks and Romans. *One unit.*

English History as treated in Andrews's or Larned's History of England, or Walker's Essentials of English History. The applicant will be expected to know the chief factors of Anglo-Saxon civilization which influenced American institutions. *One unit.*

American History, as contained in McLaughlin's The American Nation, Adams and Trent's History of the United States, or Ashley's American History. The applicant must show thorough acquaintance with the main facts of the political, social and economic development of the United States as a nation. Civil government may be offered as part of this requirement. *One unit.*

Mathematics

Arithmetic, with the metric system of weights and measures, as much as is contained in Wentworth's Advanced Arithmetic. Elementary Algebra, including Variation and the Binomial Theorem,

as in Wells's Essentials of Algebra, or its equivalent. Plane Geometry, complete as in Phillips and Fisher's Plane Geometry, or its equivalent. *Two and one-half units.*

Solid Geometry, as contained in Phillips and Fisher's Geometry of Space, or its equivalent. *One-half unit.*

Algebra continued, to include The Progessions, Choice and Chance, Partial and Continued Fractions, Graphical Representation, Complex Numbers and Logarithms, as contained in Hawkes's Advanced Algebra, or its equivalent. *One-half unit.*

Plane Trigonometry, as in Ashton and Marsh's Plane and Spherical Trigonometry, Chapters I-IV and VI, or its equivalent. *One-half unit.*

Science

Physical Geography. The equivalent of Gilbert and Brigham's Physical Geography. *One-half unit.*

Zoölogy. Textwork equal in amount to that contained in Davenport's Introduction to Zoölogy; laboratory work, the study of at least ten common types of animal life, the drawings and descriptions of which must be presented by the candidate in a laboratory note-book certified by the teacher. *One-half unit.*

Botany. Textwork equal in amount to that contained in Coulter's Plant Relations, or its equivalent. Laboratory work on the structure and life history of at least ten plants, and the ability to identify ordinary seed plants. The laboratory note-book must be presented by the candidate with the certificate for entrance. *One-half unit.*

Physiology. Textwork equal in amount to that contained in Huxley's Physiology. *One-half unit.*

Physics. Textwork equal in amount to that contained in Carhart and Chute's First Principles of Physics. *One unit.*

Chemistry. Textwork equal in amount to that contained in Remsen's Introduction to Chemistry. *One unit.*

In connection with the textwork in either Physics or Chemistry there will be required laboratory work comprising at least forty experiments by the candidate himself. The laboratory note-book, properly paged and indexed and certified by the teacher must be presented with the certificate for entrance.

TERMS OF ADMISSION

The unit used in determining the value of a study presented in satisfaction of the requirements for admission represents, in general, *a year's study in the subject in a secondary school, constituting approximately a quarter of a full year's work.* This statement is designed to afford a standard of measurement for the work done in secondary schools. It assumes that the length of the school year is from thirty-six to forty weeks, that the recitation period is from forty to sixty minutes in length, and that there are four or five periods a week; but under ordinary circumstances, a satisfactory year's work in a subject cannot be accomplished in less than one hundred and twenty hours of class-room work. The time element involved in the evaluation of college preparatory work should be given due consideration by teachers and pupils in secondary schools.

Candidates for the Degree of Bachelor of Arts

Applicants for admission intending to present themselves as candidates for the degree of Bachelor of Arts at graduation must present 14.5 units from the following list. The studies printed in heavy-faced type are prescribed:

English	3 units
Latin	3 units
Other Foreign Language	2 units
History	1 unit
Algebra	1.5 units
Plane Geometry	1 unit
Additional Latin	1 unit
History, Ancient	1 unit
History, English	1 unit
History, American	1 unit
Advanced Algebra	.5 unit
Solid Geometry	.5 unit
Plane Trigonometry	.5 unit
Physical Geography	.5 unit
Zoölogy	.5 unit
Botany	.5 unit
Physiology	.5 unit
Physics	1 unit
Chemistry	1 unit

Candidates for the Degree of Bachelor of Science

Applicants for admission intending to present themselves as candidates for the degree of Bachelor of Science at graduation must present 14.5 units from the following list. The studies printed in heavy-faced type are prescribed:

English	3 units
Latin or French	2 units
Other Foreign Language	2 units
History	1 unit
Algebra	1.5 units
Plane Geometry	1 unit
Solid Geometry	.5 unit
Plane Trigonometry	.5 unit
Physics or Chemistry	1 unit
History, Ancient	1 unit
History, English	1 unit
History, American	1 unit
Physical Geography	.5 unit
Zoölogy	.5 unit
Botany	.5 unit
Physiology	.5 unit
Mechanical Drawing	1 unit

A candidate offering less than 14.5 units may be admitted with conditions to the extent of 2.5 units, but not more than one of these may be in any one subject.

Students who are not fully prepared to meet the requirements for admission will find adequate opportunity to complete their preparation in the *Summer Session* of Ursinus College.

Examinations for admission will be held on Monday and Tuesday of Commencement week, June 9 and 10, and on Wednesday, September 17, 1919, at the opening of the collegiate year. Applicants for examination should present themselves at the Dean's Office in Bomberger Hall.

SPECIAL STUDENTS

Applicants for admission may be received as special students provided they present 10 units of preparatory work. These units must be so distributed as to constitute the usual preparation for the college courses which the applicant desires to pursue.

When admitted, special students are enrolled as members of the groups they may choose to enter and are under the direction of the regular advisers. Special students must register for at least five standard courses or their equivalent, and are held accountable for the satisfactory completion of courses for which they register. They are subject to the same regulations as other students.

ADMISSION TO ADVANCED STANDING

A student may be admitted to advanced standing at the beginning of any term, not later than the first term of the Fourth year; either

1. By Examination, in all the studies required for admission and in the studies which have been pursued by the class he may wish to enter, provided the candidate attain a grade not lower than B in such examination; or

2. From a Pennsylvania State Normal School, provided that prior to entering the normal school he had completed a regular four-year high school course and devoted not less than two full years to the completion of the normal school course, or having lacked a four-year high school course, he pursued the regular normal school course of four years. Such candidates will be given sufficient credit to enable them to complete the requirements for graduation from college in three years.

3. From Another College, provisionally, to the standing which he held in the college he last attended, upon written evidence of his standing and of the work done. This must be accompanied in every case by a letter of honorable dismissal.

GOVERNMENT

Students whose application for admission to college has been approved by the Faculty, become members of the institution by matriculating at the Dean's office. Students who have not fully matriculated, but have been admitted to classes provisionally, pending the determination of their standing, are not permitted to represent the college in any public performance or in any intercollegiate contest.

REGISTRATION

All students must register at the opening of the college year for the work of the whole year, and will not be allowed to change their registration or drop courses of study, later than one week after registration day except by special permission of the Faculty. A fee of One Dollar is charged for registration on days other than those appointed for the registration of students in the college calendar.

ABSENCES

A student who is absent from more than one-eighth of the exercises in any course during a term is required to take an extended examination for which a fee of Three Dollars is charged. Absences within the one-eighth limit do not affect a student's record in scholarship. Absences are counted from the first class exercises in any subject, and at the beginning or end of a term and immediately preceding and following a recess they count double. No excuses for absence from class exercises are granted.

ADVISERS

At the beginning of the year the Faculty appoints from its own number Advisers for the students in each of the six Groups in which the courses of instruction are offered. The

students of each Group are amenable to the Adviser of the Group in all matters of conduct, study and discipline. His approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students of his Group, and in a general way stands to his students in the relation of friendly counsellor.

GRADES OF SCHOLARSHIP

On the completion of a course the standing of a student is expressed, according to his proficiency, by one of five grades, designated respectively by the letters A, B, C, D, E. Grade E in any course denotes failure.

Each student is required to do a grade of work that shall average C in the courses pursued in any one year; and in the event of his failure to do so, shall be required to repeat in the following year such course or courses as may be necessary to raise the average grade to C, the repeated work to take precedence over any additional courses.

A permanent record is kept of each student's work, and a report of the same is sent to his parents or guardian at the close of each term.

PUBLIC WORSHIP

Students are required to attend religious services in the college chapel each day of recitations, and are expected to attend services on Sunday morning in some adjacent church of their own or their parents' choice as well as the Vesper Services in the college chapel on Sunday afternoons.

When a student shall have been absent from chapel services more than one-eighth of the number of times such services are held during the term, without having been excused, such absences will be counted as demerits and the student will be liable to discipline.

THE CHAPEL
Clark Memorial Organ

COLLEGE PRINCIPLES

The College is committed both in principle and by tradition to a policy which opposes unnatural distinctions among its students. Secret or exclusive organizations are not permitted. Equal opportunity for all is provided and a wholesome spirit of fraternity throughout the entire body is encouraged. A system of student government for young men, with powers inhering in the several groups and classes and in a central representative body known as the Council, encourages self-control and practice in civil affairs. The life of the young women also is regulated through a system of self-government approved by the Faculty and administered by the women students of the College. The institution being organized on the group basis, class rivalry and its attendant evils are extraneous. *Each student pledges himself on admission to abstain from every form of rushing or hazing.* The aim of the institution is to train its students, through the performance of their social and civic obligations and duties, in those virtues which will fit them for the extraordinary responsibilities of educated men and women in after life.

DOMESTIC LIFE

The college aims to provide thoroughly healthful, wholesome and homelike conditions in the residences for both young men and young women. The boarding department is made an educational asset in the institution. All resident students take their meals in a large, cheery dining room constructed on artistic and thoroughly sanitary lines. The meals are prepared in a spacious, well-lighted, sanitary kitchen with complete modern equipment.

By controlling the conditions under which the students live, the college provides a physical basis for its higher functions that insures not only health of body and joy of life, but greatly promotes mental efficiency and success in intellectual pursuits.

COURSES OF INSTRUCTION

The following courses of instruction are provided for the year 1919-1920:

The courses are arranged as full courses or half-courses according to the estimated amount of work in each and its value in fulfilling the requirements for graduation. Half-courses are designated as such, and, in general, represent three hours of class work a week for a half year, or two hours for a year. All other courses are full courses, requiring three hours of class work a week for a year, or two hours of class work and a prescribed amount of outside work.

A candidate for the degree of Bachelor of Arts or Bachelor of Science must complete twenty full courses or an equivalent amount of courses and half-courses.

LATIN

Professor KLINE

A. Vergil's Æneid, Books I-VI.—Greenough and Kittredge. *Tu., Th., Fri., at 8.*

This course is prescribed for students who offered three units of Latin for admission and intend to continue the subject in College. It is a prerequisite for Latin 1.

1. Cicero, De Senectute, with a critical analysis of the essay.—Livy, Book XXI.—History of the Punic Wars.—Horace, the Odes with sight reading. The Horatian meters will be carefully studied, together with the interpretation of the poems.—Latin Prose Composition, once a week throughout the year. *Mon., Wed., Fri., at 10.*

Course 1 is prescribed for all candidates for the degree of Bachelor of Arts.

2. Horace, Satires and Selected Epistles.—Cicero, De Oratore.—Horace, Ars Poetica. *Mon., at 8; Tu., Th., at 11.*

3. (*a*) Latin Comedy. Terence, Phormio and Heauton-Timorumenos.—Plautus, Captivi or Trinummus and Menæchmi. Lectures upon the ancient theater and kindred topics. (*b*) Cicero and Pliny the Younger, Selected Epistles. This part of the course is designed to train the student in the power of rapid reading, by covering a large amount of Latin of only moderate difficulty. *Tu., Th., at 9.*

4. Tacitus, Agricola, Germania and Selections from the Annals.—Lucretius, De Rerum Natura. *Tu., Th., at 9.*

Courses 3 and 4 are given in alternate years; Course 4 will be given in 1919-1920.

Courses 3 and 4 are optional as alternatives with the corresponding courses in Greek in the Classical group.

5. Teachers' Course.—A consideration of the aims and purposes of classical studies. Preparatory authors will be discussed and interpreted with special regard to the essential points in teaching. *Half-course (Second Term) three hours.* This work may be taken as part of course 3 or 4 in the latter part of the second term.

Course 5 is elective in the Classical group and for others in special cases.

GREEK

Professor Wailes, Professor Kline

1. Elementary Greek.—White's First Greek Book.—Elementary Composition.—Reading of Selections from the Anabasis of Xenophon. *Mon., at 12; Tu., Th., at 10.*

This course may be elected by students who wish to acquire by extraordinary effort, in one year, the ability to read Attic prose.

2. Xenophon, Memorabilia, Book I.—Homer, Iliad, Books I, II, III —Greek Prosody.—Exercises in Scanning.—Charges against Socrates discussed.—Reading at sight. *Tu., Th., at 12; Wed., at 3.*

Course 2 is prescribed for all students in the Classical group who offer Greek for admission.

3. Herodotus, Babylonian History.—Study of the Ionic Dialect.—Plato, Apology and Crito.—Greek Philosophy.—Greek Literature. *Wed., Fri., at 8.*

Course 3 is prescribed in the Classical group, and is not offered in the other groups.

4. Demosthenes, De Corona.—Plan of the Oration and Grecian History discussed.—Æschylus, Agamemnon.—History of the Play.—Greek Theater.—Sophocles, Œdipus Tyrannus. *Hours to be arranged.*

5. Arrian, Selections from Anabasis of Alexander.—Euripides, Iphigenia in Taurus.—Pindar, Selections from the Odes. *Hours to be arranged.*

Courses 4 and 5 are optional as alternatives with the corresponding courses in Latin in the Classical group.

6. New Testament Greek.—The Synoptic Gospels and John. Luke will be used as a basis for the study of the Synoptic Gospels, and will be read exegetically, and Matthew and Mark will be read at sight. The Gospel according to John will be studied exegetically and parts of the Gospel will be read at sight.—Westcott and Hort, New Testament in Greek. Lectures on Special Introduction. *Tu., Th., at 2; Wed., at 12.*
7. New Testament Greek.—The Epistles. These are studied exegetically and preceded by lectures on Special Introduction. *Tu., Th., at 2; Wed., at 12.*

Courses 6 and 7 are offered in alternate years; Course 7 will be offered in 1919-1920.

ENGLISH

Professor Smith, Asst. Professor Yost

English Composition.

1. Rhetoric and English Composition.—Lectures on the theory of Rhetoric, recitations, written exercises weekly. Brown and Barnes, The Art of Writing English. One hour a week throughout the year. *Half-course, Wed., at 11.*

Course 1 is prescribed in all the groups.

2. English Composition.—Written exercises and individual conferences. Genung, Rhetorical Analysis. One hour a week throughout the year. *Half-course, Wed., at 9.*

Course 2 is a continuation of Course 1, and is prescribed in all the groups.

3. The Oration.—Studies in the theory and style of the Oration. Famous American orations are read critically. Each student must write at least two original orations. Denny, American Public Addresses. *Half-course (Second Term), three hours, to be arranged.*

Course 3 is elective for Third year and Fourth year students in all the groups.

4. Essays and Dissertations.—Six themes, argumentative or expository, requiring careful study of authorities. One hour a week throughout the year. *Half-course, hours to be arranged.*

Course 4 is elective in all the groups.

English Literature.

1. History of English Literature.—Detailed study of great writers. Lectures on the historical development of literary species. Century Readings in English Literature. Two hours a week throughout the year. *Half-course, Mon., Fri., at 11.*

Course 1 is prescribed in all the groups.

2. History of English Literature.—Study of masterpieces and discussions in class. Lectures on Literary Criticism. Gummere, Handbook of Poetics. Two hours a week throughout the year. *Half-course, Mon., Fri., at 9.*

Course 2 is a continuation of Course 1, and is prescribed in all the groups.

3. The English Drama.—An investigation of the origin and early development of the English Drama culminating in Marlowe and Shakespeare. *Half-course (First Term), Tu., Th., at 10; Fri., at 12.*

4. Modern Essayists.—The essay form discussed with special attention to its modern development. The authors chiefly studied are Lamb, Macaulay and Stevenson. *Half-course (Second Term), Tu., Th., at 10; Fri., at 12.*

5. Modern Poetry.—Lectures and critical readings to illustrate the main tendencies of modern poetry. The poets chiefly studied are Tennyson, Browning and Matthew Arnold. *Half-course (First Term), Tu., Th., at 10; Fri., at 12.*

6. Eighteenth Century Essayists.—The aim of this course is to trace the early development of the essay form, and to interpret the history of the period by its literature. *Half-course (Second Term), Tu., Th., at 10; Fri., at 12.*

Courses 5 and 6 will not be offered in 1919-1920.

7. Elements of Literary Criticism.—The essential elements of literature, its chief forms, and the different methods and principles of criticism discussed. There will be constant illustration and application of these principles throughout the course. Winchester, Principles of Literary Criticism. *Hours to be arranged.*

8. Anglo-Saxon.—Smith, Old English Grammar.—Bright, Anglo-Saxon Reader.—Emerson, History of the English Language. *Hours to be arranged.*

Course 8 is required in the English Historical Group.

Courses 5, 6, 7 and 8 are elective in all the groups.

EXPRESSION AND PHYSICAL EDUCATION

Miss MacCann

1. Technique of Voice and Speech.—Study of the vocal mechanism and analysis of speech sounds. Classwork and individual training. Interpretation of various forms of literature and extempore speaking. *Half-course. Two hours throughout the year.*

Course 1 is elective for young women of the Third year in all the groups.

2. Practice in Public Speaking.—Analysis and interpretation of classical and modern drama. Course 1 is a prerequisite. *Half-course. Two hours throughout the year.*

   Course 2 is elective for young women of the Fourth year in all the groups.

3. Physical Education.—Outdoor sports and indoor gymnasium work arranged to meet the needs of students. Folk and aesthetic dancing from November to April in addition to regular gymnastic work. Each student is given a careful examination at the beginning of the college year and at the close of the required work.

   This course is prescribed for all young women students but is not one for which academic credit may be claimed.

FRENCH

Professor BADEN

1. Beginning French.—Essential forms and general rules of syntax.—Drill in pronunciation, practice in speaking and writing French.—Selected French Texts:—*e. g.* Claretie, Labiche et Martin, Verne, Scrive. *Tu., Th., Fri., at 8.*

   This course is prescribed for those who do not offer French for admission. It absolves the requirements for students in the Classical Group.

2. Contemporary French Writers.—Representatives of the Modern Literary Mouvement: Taine, Renan.—Flaubert, Zola, Maupassant.—Theuriet, Loti.—France. Some of these or related authors will be read in class, others privately.—Grammar, composition, conversation.—Outlines of French Literature. *Tu., Th., Fri., at 1.*

3. Great French Novelists.—Hugo, Dumas, Balzac form the center of the work.—Private reading and analyses of related writers.—Grammar, composition, conversation.—Outline of French Literature. *Tu., Th., Fri., at 1.*

   Courses 2 and 3 are given in alternate years. Course 2 will be given in 1919-1920.

4. Modern French Drama.—Selected plays of Beaumarchais, Hugo, Rostand, Maeterlinck carefully read and analyzed.—Rapid Readings in Regnier, Marivaux, Bornier, Brieux *et al.* to illustrate the evolution of Modern Drama.—Advanced Grammar and Composition.—Armstrong, Syntax of the Verb. *Wed., Fri., at 11.*

5. French Classic Drama.—Corneille, Racine, Molière: two plays each.—Students will read for private examination other plays of these and related authors.—Trois Femmes Ecrivains: Madame de la Fayette, Madame de Sévigné, Madame de Maintenon.—Social conditions in the Seventeenth Century.

Themes and analyses in French. History of French Literature in French. *Wed., Fri., at 11.*

Courses 4 and 5 are given in alternate years. Course 4 will be offered in 1919-1920.

6. French Prose Writers of the Seventeenth and Eighteenth Centuries.—First Term: Descartes, Pascal, La Rochefaucauld Bossuet, La Bruyère, (Selections).—Second Term: Voltaire, Montesquieu, Diderot, Rousseau. (Selected Works.) Boileau, L'Art Poétique.—Brunetière, Histoire et Littérature. Themes and Analyses in French.

Course 6 may be substituted in whole or part for courses 4 or 5.

SPANISH

Professor Baden

1. Beginning Spanish.—Essential forms and general rules of syntax. —Oral and written exercises.—Selected Spanish Texts: *e. g.* Dorado, España Pintoresca;—Alarcón, El Capitán Veneno;—Valdés, La Hermana San Sulpicio;—Electra. *Mon., Wed., at 1; Th., at 2.*
2. Contemporary Novel and Drama.—First Term: Ibáñez, Bazán, Pereda, Valera, Moratín, Bretón. Each student will read one novel and one play for special examination.—Second Term: The Classic Drama and Cervantes: Lope de Vega, Calderón, Don Quixote.—Review of Grammar, conversation, prose composition.—General outline of Spanish Literature. *Hours to be arranged.*

GERMAN

Asst. Professor Yost

1. Elementary German.—Pronunciation, grammar, memorization of short German poems, practice in speaking and writing.—Vos, Essentials of German.—Allen, Herein.—Zschokke, Der zerbrochene Krug.—Heyse, L'Arrabbiata. *Hours to be arranged.*

This course is elective for all students who do not offer German for admission.

2. Second Year German.—Review of grammar, oral and written exercises, German songs, memorization of short poems, prose readings such as Die Schildbürger.—Seidel, Leberecht Hühnchen.—Storm, Auf der Universität.—Wildenbruch, Das edle Blut.—Keller, Kleider machen Leute. *Mon., at 11; Tu., at 10, Th., at 11.*

Course 2 is intended primarily for students who have taken Course 1 in college.

3. Intermediate German.—Review of grammar, conversation and written composition, selections from modern and classical German literature such as: Goethe, Hermann und Dorothea. —Freytag, Die Journalisten.—Eichendorff, Aus dem Leben eines Taugenichts.—Schiller, Maria Stuart.—Vilmar und Richter, German Epic Tales.—Riehl, Das Spielmannskind; Der stumme Ratsherr.—Reading at sight. *Hours to be arranged.*

4. Intermediate German.—Review of grammar, conversation and written composition, selections from modern and classical German literature such as: Lessing, Minna von Barnhelm.— Goethe, Iphigenie.—Heyse, Anfang und Ende.—Keller, Fähnlein der sieben Aufrechten.—Meyer, Gustav Adolfs Page.— Chamisso, Peter Schlemihl.—Reading at sight. *Hours to be arranged.*

Courses 3 and 4 are intended for students who offer German for admission, and are given in alternate years. Course 3 will be given in 1919-1920.

PHILOSOPHY

Professor Tower

1. Psychology.—An introductory study of conscious processes and functions with reference to their cerebral accompaniments and expression in human behavior. *Half-course (First Term), Mon., Wed., Fri., at 9.*

2. Logic.—A study of the guiding principles involved in correct thinking. The uses of terms and classification, the nature of deductive inference with special reference to fallacious forms of reasoning as they receive expression in daily life, the canons of inductive inference, and the basic concepts involved in scientific method are studied. *Half-course (Second Term), Mon., Wed., Fri., at 9.*

3. History of Ancient and Mediaeval Philosophy.—This course and the following are designed to assist the student in his interpretation of modern though-currents by giving him some acquaintance with the productions of the great constructive minds of the past. *Half-course (First Term), Mon., Wed., Fri., at 10.*

4. History of Modern Philosophy.—Descartes; Spinoza; Leibniz; the English Empiricists; Kant and Post-Kantian idealism; recent philosophical tendencies. *Half-course (Second Term), three hours, to be arranged.*

Courses 3 and 4 are required of all candidates for honors in philosophy.

5. Ethics.—A study of the principles of moral judgment, with exposition and criticism of the great theories concerning the basis of the distinction between right and wrong conduct. A consideration of the various problems of theoretical and practical ethics. Papers by students. *Half-course (First Term), Mon., Wed., Fri., at 8.*

Course 5 is prescribed in all the groups.

6. Philosophy of Religion.—An outline course designed to acquaint the student with the fundamental problems of the religious consciousness in their philosophical aspects. *Half-course (Second Term), Mon., Wed., Fri., at 8.*

7. Philosophical Seminar.—Recent and contemporary philosophical constructions and their critics. Idealism, Pragmatism, Neo-Realism. Selected portions of the works of Bradley, Royce, James, Schiller, Bergson, and the Neo-Realists will be read. *Half-course, two hours throughout the year.*

EDUCATION

Professor Omwake, Professor Tower

1. History of Education.—A study designed to liberate the mind from those traditions and prejudices of the past which prevent an intelligent appreciation of the educational situation of the present; a consideration of movements which have influenced modern ideas and practices. Instruction in the use of source material through reports and discussions. *Half-course, Tu., Th., at 11, throughout the year.*

Course 1 is prescribed in the Modern Language Group and is elective for Third year students in all the groups.

2. Educational Psychology.—Theoretical Considerations. The data of psychology in their bearing on teaching and learning, with special reference to the origin and meaning of instincts and habits. *Half-course (First Term), Mon., Wed., Fri., at 11.*

3. Educational Psychology.—Practical Considerations. The uses of mind; possibilities of improvement, transfer, and mental fatigue are considered experimentally; individual differences, their causes; maturity; types of intellect and character. *Half-course (Second Term), Mon., Wed., Fri., at 11.*

Courses 2 and 3 are elective for Third and Fourth year students in all the groups, and are prescribed for all who expect to teach in the State of New Jersey.

4. Social Institutions.—A brief study of the development of the various forms of social organization which have determined progress; the force of public opinion, tradition, co-operation,

conformity and efficiency; impulsive social action. *Half-course (Second Term), three hours a week.*

Course 4 is elective for Third and Fourth year students in all the groups.

5. Secondary Education.—The rise of the American high school, its aims and relations; the nature and interests of the adolescent; subject matter of instruction, study, the recitation; measurement of results through the use of objective scales; statistical technique. Reviews of current professional literature and occasional addresses by successful teachers in secondary schools. *Half-course, Tu., Th., at 10 throughout the year.*
6. Principles of Education.—An attempt to unify the student's previous work in biology, psychology, sociology and philosophy into consistent working principles. The necessity of education, aims, conditioning factors; method; significance of certain subjects; unnecessary dualisms; formal discipline, interest and adjustment; liberal and vocational, moral and religious education. *Two hours, throughout the year.*

Courses 5 and 6 are elective for Fourth year students in all the groups. Course 6 is not offered in 1919-1920.

THE ENGLISH BIBLE

Professor Wailes

1. Old Testament History (first term).—A study of the period from the Creation to the division of the Kingdom under Rehoboam, with emphasis on the divine purpose running through the history of Israel. The aim of this part of the course is to familiarize the student with the facts and to discuss the problems of the period in the light of exploration and discovery during the last century. The Old Testament Prophets (second term).—An attempt to acquaint the student with the personality and message of each prophet. Their times and circumstances are portrayed, their doctrines are examined, and emphasis is laid on the value of their messages to the present age. Lectures, recitations, assigned readings, and papers on special topics. *Half-course, Tu., Th., at 3.*

Course 1 is prescribed for First year students in all the groups.

2. The Life of Christ (first term).—A series of topical studies presenting a sympathetic interpretation of the personality and ministry of Christ, giving special emphasis to the inspirational and permanent value of his message to us. The Life of Paul (second term).—An analysis of the epistles book by book with a view to acquainting the student with the purpose and

message of each. The other apostles and their writings are studied as time permits. Lectures, recitations, assigned readings and papers on special topics. *Half-course, Wed., Fri., at 2.*

Course 2 is prescribed for Third year students in all the groups.

HISTORY OF THE CHRISTIAN CHURCH

Professor Good

1. History of the Early Church.—The spread of the Gospel.—Roman Persecutions.—Government and Discipline of the Church.—Christian Life and Worship, Literature and Doctrine. *Half-course (Second Term), hours to be arranged.*
2. History of the Reformation.—The rise and progress of Protestantism.—The Reformation in Germany, Switzerland, France and Scotland.—Development of Christian Doctrine. *Half-course (Second Term), hours to be arranged.*

Courses 1 and 2 are offered in alternate years. Course 2 will be offered in 1919-1920.

HISTORY

Professor Munson

1. Mediaeval and Modern European History. A general course in European History from the establishment of the empire of Charlemagne to the present time. Special emphasis is placed on the formation and development of the chief states of Europe. Political, social and economic phases are studied in connection with feudalism, the Renaissance, the Reformation, and commerce and industry. Lectures, recitations, collateral reading. *Mon., Wed., Fri., at 11.*

Course 1 is prescribed in all the groups.

2. Political History of England.—From the Norman Conquest to the present time. In considering the political, social and economic phases of the subject, it is designed especially to form a background for the study of American History, and to show the part England has played in the history of the world, presenting the growth of the British Empire. *Half-course (First Term), Mon., at 2, Tu., Th., at 9.*
3. English Constitutional History.—From Anglo-Saxon times to the present. The object is to show how the English Constitution has developed, and in what respects it has influenced the constitutions and governments of foreign countries. The course is especially valuable for those anticipating the study of the law. *Half-course (First Term), Mon., at 2, Tu., Th., at 9.*

Courses 2 and 3 are given in alternate years. Course 2 will be given in 1919-1920.

4. American History.—The attempt is made, first, to account for the successful colonization of America by the English, then to bring out the relations between the colonies and England, which led to the American Revolution. The economic, social and political phases of United States History are studied in connection with the constitution, political parties, the tariff, slavery, westward expansion, the growth of modern business and the part the nation is taking in world affairs. *Mon., Wed., Fri., at 9.*

Courses 2, 3 and 4 are prescribed in the Historical-Political group.

5. History of South America and the Orient. At a time when the field is of growing importance, the attempt is made to discover, by studying their history, how the United States may best solve the problem of relationship with South American and the Oriental countries. The course is especially valuable for those planning to enter the consular service or international business. *Half-course (Second Term), Mon., at 2, Tu., Th., at 9.*

POLITICAL SCIENCE

Professor Munson

1. Principles of Economics.—A general course in the development of economic theory and activity. The various theories of supply and demand, production, consumption and distribution are carefully studied to form a background for a consideration of practical problems such as the tariff, monopolies, the labor movement and public finance. *Half-course (First Term), Mon., Wed., Fri., at 10.*

Course 1 is prescribed in all the groups.

2. Money and Banking.—A detailed study of the various forms and uses of credit institutions as related to business, of national and international transactions. The course is especially valuable as a preparation for a business career. Prerequisite, Economics 1. *Half-course (Second Term), Mon., Wed., Fri., at 10.*

3. American Government.—A critical study of the development and present form of political institutions in the states and nation. Special emphasis is placed on the party organizations and recent reforms in the suffrage. The government of the dependencies of the United States is given considerable attention. *Half-course (Second Term), three hours per week.*

MATHEMATICS AND ASTRONOMY

Professor Clawson

1. A study of logarithms; plane trigonometry with applications chiefly to the solution of triangles; the geometry of space; the elements of spherical trigonometry. Bocher and Gaylord, Trigonometry; Betz and Webb, Solid Geometry. *Mon., Wed., Fri., at 9.*

Course 1 is prescribed for all students.

1*a*. A review of elementary algebra; a study of the theory of equations, complex numbers, infinite series, choice and chance, determinants and other topics in algebra. Rietz and Crathorne, College Algebra. *Half-course, two hours a week throughout the year.*

Course 1*a* is optional for First and Second year students; it is recommended to students who expect to take up further work in Mathematics.

2. A study of the methods of Cartesian analytic geometry; applications chiefly to the geometry of the conic sections; polar coördinates; the elements of solid analytic geometry. Riggs, Analytic Geometry. *Half-course, two hours a week throughout the year.*

Course 2 is prescribed in the Mathematical group.

3. An introductory course in the Calculus; the differentiation and integration of simple functions; applications in geometry and mechanics. Murray, Infinitesimal Calculus (selected topics). *Half-course, two hours a week throughout the year.*

Course 3 is prescribed in the Mathematical group.

Candidates for the degree of Bachelor of Science must take two of the above half-courses in Mathematics in addition to Mathematics 1, which is prescribed for entrance to College for such candidates.

4. A standard course in the methods of the differential and integral calculus with applications. McMahon and Snyder, Differential Calculus, Murray, Integral Calculus. *Three hours a week throughout the year.*

Course 4 is prescribed in the Mathematical group.

5. This course varies from year to year in accordance with the special needs of the class. A further study of some branch of geometry or analysis or mathematical physics is undertaken. *Full course or two half-courses, hours to be arranged.*

Course 5 is prescribed in the Mathematical group.

6. General Astronomy; facts and theories concerning the appearance, dimensions, constitution, motions and interrelations of the celestial bodies; practical applications. Moulton, Introduction to Astronomy. *Half-course, hours to be arranged.*

Course 6 is elective for all students who have taken Mathematics 1.

7. An elementary course in descriptive geometry; the representation of points, lines, surfaces; projections, sections, developments. The use of drawing instruments; a study of lettering; mechanical drawing; tracings. Tracy and North, Descriptive Geometry. *Half-course, hours to be arranged.*

Course 7 is elective for students who have taken Mathematics 1.

Courses 6 and 7 are given in alternate years. Course 6 will be given in 1919-1920.

PHYSICS

Professor Clawson

1. General Physics.—A year's course designed to give the student a broad outlook over the field of Physics. The text-book is studied, illustrative problems are solved and laboratory exercises are performed to bring out the important fundamental laws of mechanics, heat, sound, light and electricity. Practical applications are adequately treated. Occasional reference is made to the historical development and to changing hypotheses in certain subjects. *Class work, Tu., Th., at 9. Laboratory work, Tu., Th., 2-4.*

Course 1 is prescribed for candidates for the degree of Bachelor of Science in the Mathematical Group and is elective in all of the other groups. Prerequisite, Plane Trigonometry.

CHEMISTRY

Professor Beardwood, Mr. Dietz

1. General Chemistry.—Experimental lectures, oral and written recitations, and laboratory work. The lecture periods are devoted to the discussion of facts and theories of general chemistry and are kept thoroughly parallel with the laboratory periods, each being the parts of a coherent whole; thus assuring to the student a comprehensive and connected view of the important facts, theories and laws of general chemistry. Remsen, College Chemistry. Meyer, Outlines of Theoretical Chemistry. *Wed., Fri., at 2.*

Laboratory Work.—Experiments and analysis. Each student performs over two hundred experiments in general chemistry,

after which he learns the methods of qualitative analysis and is required to separate and identify elements in all the groups. He preserves a record of all laboratory work done in a notebook, properly paged and indexed. *Wed., Fri., at 3. Laboratory work, four hours weekly.*

Course 1 is prescribed in the Chemical-Biological group, and is elective in the other groups.

2. Qualitative Analysis.—The physico-chemical basis of analytical chemistry is emphasized. The course aims thoroughly to acquaint the student not only with the fundamental procedures in qualitative analysis of the non-metals and metals but in addition is designed to afford practice in the analysis of minerals, alloys and commercial products. Prerequisite, Course 1. Stieglitz, Qualitative Chemical Analysis; Crosby, Determinative Mineralogy. Lectures, recitations and laboratory work. *Wed., Fri., at 1.30. Laboratory work eight hours weekly.*

Course 2 is prescribed in the Chemical-Biological group and is elective in the other groups. Prerequisite, Course 1.

3. Quantitative Analysis.—A course designed to acquaint the student with the most acceptable methods of gravimetric and volumetric analysis. Newth, Manual of Analytical Chemistry; Fresenius, Quantitative Analysis. Lectures, recitations and laboratory work. *Half-course. Wed., at 1.30. Laboratory work three hours weekly.*

4. *(a)* Organic Chemistry.—Lectures, recitations and laboratory work. The study of the properties, synthesis and structure of the most important classes of the carbon compounds. The student prepares and studies experimentally the typical carbon compounds. Remsen, Organic Chemistry. Von Richter, Organic Chemistry. *Wed., Fri., at 1.30.*

(b) Chemical Physiology.—Lectures, recitations and laboratory work. This includes a study of the chemic composition of the body and the chemic changes it undergoes; the chemistry of foods, the action of the digestive enzymes upon them, and the chemistry of the different body fluids. Halliburton, Chemical Physiology. *Wed., Fri., at 1.30.*

Courses 2 and 3 alternate with Course 4. Courses 2 and 3 will be given in 1919-1920.

GEOLOGY

Professor YOUNGKEN

1. Geology.—A general study of the formation of the earth's crust and the agencies which modify it. Attention will be given to the animal and vegetable types of each period. Local geology

will be studied in several field trips. Biology 2 prerequisite. *Half-course (Second Term), hours to be arranged.*

Geology 1 and Biology 7 are given in alternate years with Biology 5 and 6; offered in 1919-1920.

BIOLOGY

Professor YOUNGKEN

1. Physiology.—Structure and essential processes of the human body. Special lectures on hygiene, first aid and prevention of disease. Lectures, demonstrations and recitations. *Mon., 10-12; Wed., at 10.*
2. General Biology.—A systematic study of structure and function, and of the relation of organisms to their surroundings. Special lectures are devoted to the discussion of the important principles of Biology—Heredity, Variation, Evolution, Development. *Tu., Th., at 9.*

   Field Work.—One afternoon each week during the Spring months.

   Laboratory Work.—Two afternoons each week are devoted to a practical study of forms and structures illustrative of the topics treated in the lectures, and of the main groups of both plant and animal kingdoms. Each student is required to make careful drawings and to keep a permanent record of his observations. *Tu., Th., 2-4.*

   Course 2 is prescribed in the Chemical-Biological group and is elective in the other groups.
3. Botany.—A study of those portions of the science deemed of most value to the student. The course falls into three parts: The first continues the study of types begun in the previous year, and includes a scheme of classification from the standpoint of development. The second is devoted to a special consideration of primary and fundamental physiological processes. The third deals with the relations of plants to the physical factors of their environment, to other plants, to animals, and with their relation to man. *Tu., Th., 8. Laboratory work four hours per week.*
4. Comparative Anatomy of the Vertebrates.—A study of the classification, external characteristics and organ-systems of the vertebrates. Laboratory work on such types as amphioxus, shark, bony fish, salamander, frog, lizard, pigeon and cat. Attention is also given to the human skeleton. Reference book: Parker and Haswell, Zoölogy, Vol. II. Lectures and recitations. *Mon., 9; Tu., Th., 8. Laboratory work four hours per week.*

Courses 3 and 4 are given in alternate years. Course 4 will be given in 1919-1920.

Courses 3 and 4 are prescribed in the Chemical-Biological group, and are elective in other groups for students who have taken Course 2.

5. Histology.—A study of the function and minute structure of the tissues and organs of the animal body with particular reference to the mammals and man. References: Stohr-Lewis, Histology; Piersol, Histology. Lectures, recitations and laboratory work six hours per week. Courses 2 and 4 are prerequisite. *Half-course (Second Term), hours to be arranged.*

6. Embryology.—A course in the development of the external form and internal organs of typical vertebrates. The shark, frog, chick and pig will be used as types. References: Marshall, Vertebrate Embryology; Minot, Embryology. Lillie, Development of the Chick. Lectures, recitations and laboratory work six hours per week. Courses 2 and 4 are prerequisite. *Half-course (First Term), hours to be arranged.*

Courses 5 and 6 are given in alternate years with Course 7 and Course 1 in Geology; not offered in 1919-1920.

7. Bacteriology.—A study of the behavior and activity of the bacteria which are more or less intimate with everyday life. Special attention will be given the micro-organisms in milk, water and sewage. Lectures, recitations and laboratory work six hours per week. Course 2 prerequisite. *Half-course (First Term), Tu., Th., Sat., 10-12.*

Course 7 and Course 1 in Geology are given in alternate years with courses 5 and 6; offered in 1919-1920.

MUSIC

Miss Waldron, Miss Spangler

1. Sight Singing and Ear Training.—Notation, rhythm, tone relations, scale relations, transitions, modes, modulations and intervals. A fundamental course. *Half-course. Two hours per week.*

2. Harmony.—Triads and their inversions. Chords of the seventh. Augmented sixth chords. Modulations. Transpositions. Suspensions. *Three hours per week.*

3. Advanced Harmony and Counterpoint.—Harmonizing melodies. Analysis of chorals. Insertion of more than four parts. Enharmonic changes. Strict and free counterpoint. Double counterpoint. Canon. Imitation. Fugue. *Three hours per week.*

4. History of Music. Development of music in its various forms from the beginning of the Christian era to the present time, with special reference to the progress of musical taste and culture. Text, lectures and collateral reading. *Half-course. One hour per week.*

A course of lecture-recitals on the organ by Harry A. Sykes is given during the second term. These recitals, given at a morning hour every two weeks, are free to all the students of the College.

Private instruction is provided in Practical Music (piano and voice). For terms see page 68.

MEDICAL PREPARATORY COURSES

The College offers to students looking forward to the study of medicine the following curricula arranged in recognition of the demands of different classes of students and in view of the requirements of medical colleges:

Four Year Curriculum.—As a complete preparation giving the student a liberal education as well as special training in certain branches of learning, and meeting the requirements of the most exacting medical institutions, the College provides the carefully articulated arrangement of courses represented in the Chemical-Biological group (see page 55). Twenty full courses (sixty year-hours) or an equivalent amount of courses and half-courses are required embracing four years of college work and qualifying the candidate for the bachelor's degree.

The College recommends this curriculum as best meeting the requirements of the medical profession. Graduates of Ursinus College who, as students in college, pursued this group of studies, have taken high rank in the various medical colleges and subsequently in the practice of their profession.

Two Year Curriculum.—Nearly all the great medical schools including those of the University of Pennsylvania, Harvard, Yale and Columbia, receive students whose preparation has been less than that represented in a full college course, provided it includes certain subjects of study and embraces at least two years of work in college. To meet the needs of such students, Ursinus College offers a two-year pre-medical curriculum including the following courses: Chemistry 1 and 2, Physics 1, Biology 2, German 3 or 4, or French 2 or 3, and Mathematics 1. Ten courses in all, of which three may be elective, are required of students pursuing the Two Year Curriculum.

Admission to Medical Preparatory Courses.—Candidates for admission who intend to pursue the Four Year Curriculum must comply with the regular terms of admission as set forth on pages 26 and 27. Others must present certificates showing that they have had four years of work in an accredited secondary school or its equivalent, and indicating that they have satisfactorily completed fourteen units of preparatory work, seven of which must be distributed as follows: English, 2 units; Mathematics, 2 units; Latin, Greek or French, 2 units; and History, 1 unit. Blank forms for these certificates are furnished by the Dean of the College to whom all communications on the subject and all certificates should be addressed.

GROUPS OF COURSES

The Courses of Instruction are offered in carefully arranged groups, each comprising (1) dominant subjects, which adapt the courses to the needs of particular classes of students and afford special preparation for professional study: (2) related subjects, to give the breadth and symmetry requisite in a liberal education; (3) studies common to all the groups and required of all students.

A student may substitute, with the approval of his group Adviser and the Faculty, other studies for elective courses laid down in his group; or, at the close of a year, he may change to another group. When a student changes to another group he will, however, receive credit toward graduation only for such of the prescribed courses which he may have completed as are included in the group to which he has received permission to change.

CHOICE OF STUDIES

Before a student may register he must obtain his Adviser's approval of his choice of studies. He must include in the list all his studies, both prescribed and elective, *for the whole year.*

A student is not allowed to register for more than five and one-half courses in any one year, nor for less than four courses in the Fourth year, without special permission of the Faculty. In case of conditions in any year a student, with the consent of his Adviser and the Dean, may take in addition to his regular schedule, conditions equivalent to one full course. Courses to satisfy conditions shall take precedence of regular courses.

REQUIREMENTS FOR GRADUATION

A student must complete, for the degree of Bachelor of Arts or Bachelor of Science, *twenty full courses,* or an equivalent number of courses and half-courses, as follows: First year, five and one-half courses; Second year, five courses; Third year, five courses; Fourth year, four and one-half courses. If at the beginning of any year after the first, his record of work done is complete he may elect an extra course. Such extra course does not count towards the twenty full

courses required of him for a degree, but may count for department honors. A student electing an extra course must complete it the same as a regular course.

Number of Courses from each Department Prescribed for Graduation in each of the Several Groups

Groups		Latin	Greek	English	French	Spanish	Philosophy	Education	Bible	History	Economics	Politics	Mathematics	Science (Laboratory)
Classical	A. B.	3 or 4	3 or 2	2	1	1	1½		1	1	½		1	1
Mathematical	A. B.	1		2	2	1	1½		1	1	½		4	2
	B. S.			2	2	2	1½		1	1	½		4	2
Chemical—Biological	A. B.	1		2	2	1	1½		1		½		1	5
	B. S.			2	2	2	1½		1		½		2	5
Historical—Political	A. B.	1		2	2	2	1½		1	3	½	1	1	1
	B. S.			2	2	2	1½		1	3	½	1	2	1
English—Historical	A. B.	1		4	2	1	1½	1	1	2	½		1	1
	B. S.			4	2	2	1½	1	1	2	½		2	1
Modern Languages	A. B.	1		2	3 or 4	2	1½	½	1	1	½		1	1
	B. S.			2	3 or 4	2	1½	½	1	1	½		2	1

Students who have passed a modern language for admission are required to take only one year additional of the language passed, except in the case of members of the Classical group, who must begin the study of Greek instead, and of all candidates for the degree of Bachelor of Science, who are required to take at least two years additional.

The requirements in modern languages and laboratory science must be fulfilled one year prior to graduation.

On the following pages, in the tabulated statement of the Groups, the figures or letters attached to the subjects refer to the courses of instruction, as arranged according to departments on the preceding pages.

Prescribed courses are printed in **Heavy-Faced Type;** elective courses in light-faced type.

Groups of Courses

CLASSICAL GROUP

First Year

Latin 1
Greek 1 *or* **2**
Mathematics 1
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
French 1; *or*
Spanish 1
German 1 *or* 2
Mathematics 1a, *hf.*
Biology 1, *hf.*
Physics 1
Music 1, *hf.*

Second Year

Latin 2
Greek 2 *or* **3**
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 1 *or* 2
Spanish 1 *or* 2
German 1, 2 *or* 3
Biology 1, *hf.*
Chemistry 1; *or*
Biology 2
Mathematics 1a, *hf. or* 2
Music 2

Third Year

Latin 4; *or*
Greek 4 *or* **7**
Philosophy 1, 2
Political Science 1, *hf.*
English Bible 2, *hf.*
Chemistry 1
Biology 2 *or* 4
Political Science 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4
English Comp. 3, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
Expression 1, *hf.*
French 2
Spanish 2
German 2 *or* 3
History 2, *hf.*
Mathematics 1a, *hf.*
Mathematics 2, *hf.*
Music 3 *or* 4

Fourth Year

Greek 4 *or* **7;** *or*
Latin 4
Philosophy 5, *hf.*
Latin 5
Church History 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5, *hf.*
Philosophy 3, 4.
Philosophy 6, *hf.*
Philosophy 7, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4
English Lit. 7
English 8
Expression 2, *hf.*
History 2, *hf.*
Political Science 2, *hf.*
Mathematics 7, *hf.*
Music 3 *or* 4

MATHEMATICAL GROUP

First Year

Mathematics 1; *or* 2, 3
Latin 1; *or* Physics 1
French 1, 2 *or* 4
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
Spanish 1 *or* 2
German 1, 2 *or* 3
Mathematics 1a, *hf.*
Biology 1, *hf.*
Music 1, *hf.*

Second Year

Mathematics 2, 3; *or* 4
Latin 2*
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 2 *or* 4
German 2 *or* 3
Mathematics 1a, *hf.*
Biology 1, *hf.*
Biology 2
Chemistry 1
Music 2

Third Year

Mathematics 4 *or* 5; *or*
Latin 4*
Philosophy 1, 2
Political Science 1, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Chemistry 2 *or* 4
Biology 2 *or* 4
Mathematics 7, *hf.*
Political Science 2, *hf.*
English Comp. 3, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
Expression 1, *hf.*
French 3
German 3
History 2, *hf.*
Music 3 *or* 4

Fourth Year

Mathematics 5; *or*
Latin 4*
Philosophy 5, *hf.*
Mathematics 7, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4, 7 *or* 8
Expression 2, *hf.*
Latin 5
History 4 *or* 5
Political Science 2, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Music 3 *or* 4

* A course in science may be substituted for the course here prescribed.

CHEMICAL-BIOLOGICAL GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 4
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 3
Mathematics 1a, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

Chemistry 1 *or* 2
Biology 2
French 2 *or* 4; *or*
Spanish 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
German 3 *or* 4
Mathematics 2, *hf.*
Mathematics 3, *hf.*
Biology 1, *hf.*
Music 2

Third Year

Chemistry 2 *or* 4; *or*
Biology 3 *or* **4**
Philosophy 1, 2
English Bible 2, *hf.*
Political Science 1, *hf.*
Chemistry 3, *hf.*
Political Science 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
English Comp. 3, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
Expression 1, *hf.*
German 4
French 3
History 2, *hf.*
Mathematics 7, *hf.*
Mathematics 5
Music 3 *or* 4

Fourth Year

Biology 4 *or* 3; *or*
Chemistry 4 *or* 2
Philosophy 5, *hf.*
Chemistry 3, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3 *or* 4
English Lit. 7
English Lit. 8
Expression 2, *hf.*
History 2, *hf.*
History 4 *or* 5
Political Science 2, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Music 3 *or* 4

HISTORICAL-POLITICAL GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 4
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 3
Mathematics 2, *hf.*
Physics 1
Chemistry 1
Biology 1. *hf.*
Music 1, *hf.*

Second Year

History 1
French 2 *or* 4
Spanish 1 *or* 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
German 1, 2 *or* 3
Chemistry 1
Biology 1, *hf.*
Biology 2
Mathematics 2, *hf.*
Mathematics 3, *hf.*
Music 2

Third Year

History 2, *hf.*
Political Science 1, 2
Philosophy 1, 2
English Bible 2, *hf.*
History 5, *hf.*
Chemistry 3, *hf.*
Chemistry 2 *or* 4
Biology 2 *or* 4
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
English Comp. 3, *hf.*
English Lit. 3, *hf.*
English Lit. 4 *hf.*
English Lit. 7
Expression 1, *hf.*
Spanish 2
French 4
German 3
Mathematics 4
Music 3 *or* 4

Fourth Year

History 4
Political Science 4, 6
Philosophy 5, *hf.*
Church History 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5, *hf.*
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3 *or* 4
English Lit. 7
English Lit. 8
Expression 2, *hf.*
French 4
Mathematics 7, *hf.*
Geology 1, *hf.*
Music 3 *or* 4

ENGLISH-HISTORICAL GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 4
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 3
Mathematics 1a, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
French 2 *or* 4; *or*
Spanish 1 *or* 2
Latin 2
English 8
Chemistry 1
Biology 1, *hf.*
Biology 2
Mathematics 2, *hf.*
Mathematics 3, *hf.*
Music 2

Third Year

English Lit. 7 *or* 8
Philosophy 1, 2
History 2, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Political Science 1, *hf.*
Political Science 2, *hf.*
Chemistry 3, *hf.*
Chemistry 2 *or* 4
English Comp. 3, *hf.*
English Lit. 7
English Lit. 3, 4
Expression 1, *hf.*
French 3
Spanish 2
Mathematics 7, *hf.*
Mathematics 4
German 3 *or* 4
Music 3 *or* 4

Fourth Year

English Lit. 3, 4; *or* 7; *or*
History 4
Philosophy 5, *hf.*
Education 4, *hf.*
Education 2, 3
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
English Comp. 3, *hf.*
English Comp. 4, *hf.*
English Lit. 3, 4
English Lit. 7
English Lit. 8
Expression 2, *hf.*
French 2 *or* 4
History 5, *hf.*
Political Science 2, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Music 3 *or* 4

MODERN LANGUAGE GROUP

First Year

Latin 1; *or*
French 1, 2 *or* 4
Spanish 1 *or* 2
Mathematics 1; *or* 2, 3
English Comp. 1, *hf.*
English Lit. 1, *hf.*
English Bible 1, *hf.*
German 1, 2 *or* 3
Mathematics 1a, *hf.*
Physics 1
Chemistry 1
Biology 1, *hf.*
Music 1, *hf.*

Second Year

French 2 *or* 4; *or*
Spanish 2
English Comp. 2, *hf.*
English Lit. 2, *hf.*
History 1
Latin 2
German 2 *or* 3
Chemistry 1
Biology 1, *hf.*
Biology 2
Mathematics 2, *hf*
Mathematics 3, *hf.*
Music 2

Third Year

French 4 *or* 6
Philosophy 1, 2
Political Science 1, *hf.*
English Bible 2, *hf.*
Education 1, *hf.*
Education 2, 3
Education 4, *hf.*
Political Science 2, *hf.*
Chemistry 2
Biology 2
Biology 4
Physics 1
History 2, *hf.*
English Comp. 3, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7, *hf.*
Expression 1, *hf.*
German 3
Mathematics 7, *hf.*
Music 3 *or* 4

Fourth Year

French 4 *or* 6; *or*
English 3, 4; *or* 7
Philosophy 5, *hf.*
English Comp. 4, *hf.*
English Lit. 3, *hf.*
English Lit. 4, *hf.*
English Lit. 7
English Lit. 8
Expression 2, *hf.*
German 4
Philosophy 3, 4
Philosophy 6, *hf.*
Philosophy 7, *hf.*
Education 2, 3
Education 4, *hf.*
Education 5, *hf.*
History 2, *hf.*
History 4 *or* 5, *hf.*
Political Science 2, *hf.*
Mathematics 7, *hf.*
Geology 1, *hf.*
Music 3 *or* 4

HOURS OF COLLEGE COURSES

1919-1920

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
8–8.50	Latin 2 Philosophy 5, 6	French 1 Pol. Eci. 3 English 7 Mathematics 5 Latin A	Expression 1 Greek 3 Philosophy 5, 6 Mathematics 2	French 1 Pol. Sci. 3 English 7 Mathematics 5 Latin A	French 1 Greek 3 Philosophy 5, 6 Latin A
9–9.10	Chapel Service Daily				
9.10–10	Mathematics 1 Eng. Lit. 2 Philosophy 2 History 4	Biology 2 Latin 3 Mathematics 2 Eng. Lit. 3, 4 History 2	Mathematics 1 Eng. Comp. 2 Philosophy 2 History 4	Latin 3 Mathematics 2 Eng. Lit. 3, 4 History 2	Mathematics 1 Eng. Lit. 2 Philosophy 2 History 4
10.05–10.55	Latin 1 Biology 1 Pol. Sci. 1, 2 Philosophy 3, 4	Biology 1 Greek 1 German 2 English 8 Education 5	Latin 1 Physics 1 Pol. Sci. 1, 2 Philosophy 3, 4	Greek 1 Physics 1 English 8 Education 5	Latin 1 Physics 1 Pol. Sci. 1, 2 Philosophy 3, 4
11–11.55	Biology 1 History 1 Eng. Lit. 3, 4 German 2	Eng. Lit. 1 Latin 2 Education 1 Expression 2 Mathematics 1a	Eng.Comp. 1 History 1 French 3 Mathematics 1a	German 2 Latin 2 Education 1 Expression 2	Eng. Lit. 1 History 1 French 3 Mathematics 1a
1–1.55	Biology 2 Spanish 1	French 2 Eng. Lit. 1	Spanish 1	French 2 Eng. Comp. 1	French 2 Eng. Lit. 1
2–3.55	Biology 2 Mathematics 5 History 2	Biology 2 Greek 6 Expression 1 Physics 1	Chemistry 1, 2, 3 Eng. Bible 2	Spanish 1 Physics 1 Greek 6	Chemistry 1, 2, 3 Eng. Bible 2
3–3.55	Biology 2	Biology 2 Physics 1 Eng. Bible 1	Chemistry 1, 2, 3 Greek 2	Physics 1 Eng. Bible 1	Chemistry 1, 2, 3

BUILDINGS AND EQUIPMENT

BUILDINGS

Bomberger Memorial Hall, named for the first President of the College, is a large and imposing structure in the Romanesque style of architecture, built of Pennsylvania blue marble. In this building are the chapel and auditorium, ten commodious and well-lighted recitation rooms, three laboratories, the library, reading room, society halls, and administration offices. It is heated with steam and lighted by electricity. The College is indebted for the building to the generosity of the late Mr. Robert Patterson, of Philadelphia, whose donations to the building fund amounted to $32,000, and to gifts from numerous other friends.

The Clark Memorial Organ, erected in 1916 as the gift of Mrs. Charles Heber Clark of Conshohocken, Pa., occupies an advantageous position in the front of the chapel in Bomberger Memorial Hall. The organ is a memorial to the late Charles Heber Clark, LL.D.

Freeland Hall, the original building of Freeland Seminary, Derr Hall, a memorial to the late Reverend Levi K. Derr, D.D., and Stine Hall, a memorial to the late Daniel Stine in grateful recognition of benefactions to the college by his daughter, Mrs. Augustus L. Kaub, constitute a fine group of buildings occupying a position in contiguous arrangement in the center of the campus. During the summer of 1913 these structures were completely remodeled and are now practically new buildings thoroughly adapted to the present needs of the college. The buildings are of stone, four stories in height with a fifth story of dormer rooms. The outer surfaces have a white sand finish while the windows are fitted with green blinds. An imposing portico of masonry and concrete having four classic columns rising to the full height of the building and surmounted with a pediment of terra cotta graces the main entrance. The original cupola, somewhat altered in design,

OF THE
UNIVERSITY OF ILLINOIS

MAIN BUILDINGS, LOOKING EASTWARD

remains to provide a permanent place for the college bell which has here swung aloft and summoned students to classes for more than sixty years.

On the ground floors are three communicating dining rooms providing sittings for more than three hundred persons. The largest of these is a memorial to Israel B. and A. Lizzie Shreiner, friends and benefactors of the college. A large, airy kitchen of entirely new structure and containing a complete equipment of new and most approved design, occupies the entire space in the rear court formed by the three buildings. This and the dining rooms are provided with marbleoid floors and are built on strictly sanitary lines. By means of lateral windows and vault lights, open hearths and direct overhead ventilators, these compartments are at all times well lighted and healthful. The remaining space on the ground floors provides store-rooms, and a convenient room, with an entrance on the east side, for the book store and post office. The kitchen is overlaid with a floor of steel and concrete, providing a fine elevated plaza as a thoroughfare of approach from the rear to all three buildings.

The main floor of Freeland Hall, containing four large rooms and a hall, provides facilities for receptions and socials. The other portions of these buildings are fitted up for residential purposes. The rooms are of varying size designed for one or two occupants, a considerable number being arranged en suite. Ample lavatory, bath and toilet facilities are provided on each floor. All parts of these buildings are lighted by electricity and heated with steam.

Olevian Hall, a spacious dwelling on the west campus, is one of the homes for young women. This building has all the appointments of a complete home. The rooms are large, lighted by electricity and heated with steam.

Shreiner Hall, occupying a prominent position fronting on Main Street and facing the College Campus, has recently been enlarged, improved and furnished as a residence hall for young women. This is a three-story brick building, comfortably

and conveniently arranged for the accommodation of twenty-five students. On the first floor are a reception room, music rooms and office of the principal. The rooms for students vary in size, but are uniformly well lighted and comfortable. The building is heated throughout with steam and provided with electric light.

Trinity Cottage, acquired in 1916 as an additional residence hall for young women, is an attractive brick building, conveniently located in Sixth Avenue, having eighteen rooms and provided with hot and cold water, steam heat and electric light. This building, with the grounds on which it is located, represents a joint benefaction to the college by Henry M. Housekeeper, an elder in Trinity Reformed Church, Philadelphia and Abram G. Grater, an elder in Trinity Reformed Church, Norristown, Pa.

Sprankle Hall, a stone mansion on the east campus fronting on Fifth Avenue, is a large residence, three stories in height, with porches and veranda, and contains all of the conveniences of a comfortable home.

Superhouse, the attractive residence on Main Street opposite the college grounds bequeathed to the College for the use of the professor of Church History by the late Henry W. Super, D.D., LL.D., Vice President and Professor of Mathematics, 1870-1891, and Acting President, 1892-1893, and constituting a fitting memorial of his long and valued services to the institution, has been fitted up, and assigned by courtesy of the beneficiary as a home for the President.

The Thompson Athletic Cage, erected in 1912 as a memorial to Robert W. Thompson, occupies a site on high ground adjacent to the athletic field. This is a spacious and substantial building providing facilities for all forms of indoor athletics and affording opportunities for recreation during the winter months.

The Field House, convenient to the cage and the athletic field, is one story in height, built of native stone, with jagged

edges and heavy joints, the whole presenting a rustic effect. The house contains dressing rooms, shower baths, toilets, a heating plant, supply room, and office for the Athletic Director.

A central heat and water plant furnishes steam heat for the principal buildings, and distributes excellent water from artesian wells to all the buildings on the premises.

A substantial stone barn, somewhat removed from the college buildings and grounds, and convenient to the fields and gardens, is the center of the agricultural, vegetable and dairy industries of the institution.

LABORATORIES

The Biological Laboratory is on the first floor of Bomberger Memorial Hall, and has a north and west exposure. The room is 30 x 40 feet in size, is well lighted and thoroughly fitted with tables, desks, cabinets, lockers, aquaria, etc. The laboratory equipment consists of twenty-seven compound microscopes with powers ranging up to 1000 diameters, dissecting microscopes, microtomes, projective lantern, stereopticon, camera lucida, water baths, incubator, and other such apparatus, glassware and reagents as are needed in the study of general morphology, histology and cytology of plants and animals. Special apparatus for experimental work in Physiology has been added.

Each student is provided free of extra charge with all the instruments, glassware and reagents needed; but he is held responsible for the care of these. The laboratory will accommodate thirty students at one sitting.

A considerable collection of zoölogical and botanical material, including the private collection of the late Professor P. Calvin Mensch, bequeathed to the College, is used for museum and illustration purposes. A recently formed and rapidly growing herbarium offers a fair illustration of the flora of North America.

A small department library, containing some of the best zoölogical, botanical and physiological works in English, French and German, besides many pamphlets, reprints and government reports, is open to the use of students in Biology.

The Physical Laboratory is situated in the second story of Memorial Hall. Modern improvements have recently been introduced and large additions made to the equipment, so that excellent facilities are provided for experimental work in every branch of Physics. The apparatus is of modern design, and has been selected with great care from the best European and American makers. The list includes a small dynamo, Ruhmkorff coil, galvanometers with telescope and scale, dynometer, apparatus for demonstrating wireless telegraphy, spectrometer (Geneva Society), spectroscope (Geneva Society), polariscope, four-inch refracting telescope, a 4 x 5 camera fitted with a superior planatograph lens, and a lathe for wood and metal turning, with screw-turning attachment.

The dark room, for photographic work, 10 x 12 feet in size, is provided with running water, sinks and all necessary apparatus for making negatives and lantern slides.

The Chemical Laboratory occupies a room 30 x 40 feet in size, well lighted, well ventilated and equipped with all the necessary apparatus for experimental work in general, analytical and organic Chemistry. Tables have been fitted up for the accommodation of thirty-eight students, and each table is provided with such appliances as are necessary for gas generation and measurement, distillation, and the performance of experiments belonging to these courses. Students are held responsible for all breakages.

Tables have also been equipped for the performance of experiments in Physiological Chemistry in connection with the course given in Physiology.

THE COLLEGE LIBRARY

The College Library contains about fourteen thousand volumes, selected mainly for the purpose of study, reference

and thoughtful reading. The Library is open every week-day from 8.15 a. m. to 5 p. m., Sunday 2 to 4 p. m., and on appointed evenings during the week. Members of the College are allowed free access, under a few necessary limitations, to all the bookshelves. Each student is permitted to take out two volumes at a time. In addition to these privileges, special arrangements have been made which enable students to obtain books from Philadelphia libraries.

The reading room is supplied with foreign and American periodicals. The shelves contain encyclopedias, dictionaries, and other books for particular and general reference. The following newspapers and periodicals appear on the files and tables during the course of the year:

Newspapers.—The Public Ledger, The Philadelphia Record, The Reading Eagle, The Allentown Morning Call, American Economist, Reformed Church Messenger, Reformed Church Record, Christian World, The Christian Intelligencer, The Presbyterian, Kirchenzeitung, Christian Work, and the local papers.

Periodicals.—The Atlantic Monthly, Scribner's Magazine, The Century Magazine, Harper's Magazine, The Bookman, The World's Work, The Contemporary Review, The Fortnightly Review, The Nineteenth Century and After, The North American Review, The Outlook, The Independent, The Nation, The Review of Reviews, The Survey, The Missionary Review, The Outlook of Missions, The Reformed Church Review, Modern Language Notes, German American Annals, The Scientific American, The American Naturalist, The Scientific Monthly, Popular Science Monthly, Science, Political Science Quarterly, The American Journal of Sociology, Philosophical Review, Mind, The Psychological Review, The Psychological Bulletin, The Journal of Philosophy, Psychology and Scientific Method, The Classical Review, The American Historical Review, The Economic Bulletin, Educational Review, School and Society, and a number of other periodicals.

BOOK ROOM

The College maintains a book room in which a supply of text-books, stationery, etc., is kept on hand to meet the needs of students. It is aimed to furnish books at less than the usual retail price. Second-hand books may be purchased at low cost. The books used in connection with the various courses of study may be noted, so far as they are announced, in the statement of courses of instruction, on pages 32-48.

SOCIETIES

For the mutual improvement of the students two Literary Societies are maintained in the College, the Zwinglian and the Schaff. Each has a special hall for its meetings. Every student in the College is expected to become a member of one or the other of these societies.

The young men and the young women also maintain flourishing Christian Associations, which hold weekly prayer-meetings, engage in special Bible study, and are active agents in promoting the religious life of the College.

EXPENSES

College Fees

The fee for instruction, including all items, is $160 a year. A charge of $10 is made in the last year to cover expense of graduation. Extra charges to cover the cost of materials for work in the several laboratory courses are as follows:

Chemistry 1	$10	Biology 3	$5
Chemistry 2	10	Biology 4	10
Chemistry 3	10	Biology 5	5
Physics 1	5	Biology 6	5
Biology 2	8	Biology 7	10

The sum of one dollar and fifty cents is paid by each student at the opening of the first term toward the support of the Lecture and Entertainment Course. This entitles the student to admission to all numbers of the course throughout the year at a reduced cost.

A deposit of five dollars is required of each student to defray any expenses incurred by injury to property. The unexpended balance is returned to the student when he leaves the institution.

A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays the College fee in full during his absence, and payment is required before the student can be admitted to examination. No remittance is allowed on account of withdrawal from the institution during a term.

In case of sickness occurring at the institution the College maintains the right to enforce quarantine and to engage the services of an attendant if necessary, but the College will not be responsible for the compensation of physicians, nurses or attendants, which compensation must be provided by the student or his parent or guardian.

ROOM AND BOARD

The charge for a furnished room in Freeland, Derr or Stine halls is from $100 to $140 a year; in Olevian Hall, Shreiner Hall or Trinity Cottage, the residences for women, from $76 to $146 a year. The charge in all cases, includes heat, light, and attendance. When two students occupy a room the charge is divided between them. A payment of five dollars on account is made by a student when he engages a room, which he forfeits in case he does not occupy the same.

Each student supplies his own towels, two pairs of sheets for a single bed, a pair of pillow cases (19 x 34), a pair of blankets and a bed spread.

The charge for table board is $180 a year, not including the Christmas and Easter recesses. For less than one term the charge is $5.25 a week in advance. All students who do not take their meals in their own homes will board at the College Dining Hall.

ACCOMMODATIONS FOR DAY STUDENTS

Two large downstairs rooms have been fitted up in Bomberger Hall for day students, providing confortable accommodations including lockers. Each day student is charged a nominal locker rental of One Dollar.

PAYMENT OF BILLS

The bills of a student based on the foregoing charges are payable as follows:

At the opening of the term in September	$102.50
On or before November 29	97.75
On or before January 29	97.75
On or before March 25	97.75

The bills may vary from the stated amounts in certain instances according to location of rooms and laboratory charges. Credits on account of scholarships or service under the Bureau of Self Help are allowed on the November and March bills.

Special fees and Literary Society dues of students must be paid, or their payment secured, before the Saturday preceding the Commencement on which they expect to receive their degrees.

FEES FOR INSTRUCTION IN MUSIC

Private lessons per term of fifteen weeks: piano or voice, twice a week, $37.50, once a week, $22.50. The charge for use of piano is $10 a year.

SCHOLARSHIPS

MUSIC SCHOLARSHIP

For the time being, the College offers a scholarship of Two Hundred Dollars to be used in assisting a student who desires to specialize in music. The scholarship may be divided between two students if in the judgment of the President and the Instructors in the Department of Music, this seems advisable.

Scholarships

PERMANENT SCHOLARSHIPS

The College possesses twenty-six permanent scholarships of one thousand dollars each, yielding $50 per year. Each scholarship is assigned annually to a student designated by the founder of the scholarship or by the College. The list of these scholarships is as follows:

The George Wolff Scholarship, founded by the Rev. George Wolff, D.D., of Myerstown, Pa.

The William A. Helffrich Scholarship, founded by the Rev. W. A. Helffrich, D.D., of Fogelsville, Pa.

The Nathan Spangler Scholarship, founded by Mr. Nathan Spangler of York, Pa.

The Anna M. Bomberger Scholarship, founded by Miss Anna M. Bomberger, with gifts amounting to $600, and completed by Mrs. H. S. Bomberger, both of Lancaster, Pa.

The Abraham Wagner Scholarship, founded under the will of Mr. Abraham Wagner of the Robison Church, Berks County, Pa.

The Carson Scholarship, founded under the will of Captain John Carson of Newburg, Cumberland County, Pa.

The Kelker Scholarship, founded by Mr. Rudolph F. Kelker of Harrisburg, Pa.

The Keeley Scholarship, founded by Mr. Joseph Keeley of Spring City, Pa.

The John B. Fetters Memorial Scholarship, founded by Mrs. Rebecca B. Fetters of Uwchland, Chester County, Pa., in memory of her deceased son, who died after a week's attendance at College in September, 1885.

The John Brownback Memorial Scholarship, founded by Mrs. Melinda M. Acker and Miss Mary M. Brownback of Uwchland, Chester County, Pa., in memory of their deceased father.

The Franklin W. Kremer Memorial Scholarship, founded by the Rev. F. W. Kremer, D.D., with gifts amounting to $500, and completed by the Sunday-school of the First Reformed Church, of Lebanon, Pa., in grateful memory of his thirty-eight years' pastorate, by an endowment of $500.

The Henry Francis Scholarship, founded by Mr. Henry Francis of Spring City, Pa.

The Clementina R. Stewart Scholarship, founded under the will of Miss Clementina R. Stewart of Myerstown, Pa.

The J. William Bireley Scholarship, founded by Mr. J. William Bireley of Frederick City, Md.

The John B. and Horace A. Fetters Scholarship, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa.

The Mary M. Brownback Scholarship, founded under the will of Miss Mary M. Brownback of Uwchland, Chester County, Pa.

The Frances Kready Scholarship, No. 1, founded by Miss Frances Kready of Lancaster, Pa.

The Frances Kready Scholarship, No. 2, founded by Miss Frances Kready of Lancaster, Pa.

The John H. Converse Scholarship, founded by Mr. John H. Converse of Philadelphia.

The Freeland G. Hobson Scholarship, founded under the will of Freeland G. Hobson, LL.D., '76, of Collegeville.

The Stauffer Memorial Scholarship, founded in memory of Robert Ursinus and John Donald Stauffer, deceased children of the pastor, Rev. J. J. Stauffer, by gifts amounting to $500 from the pastor and members of the Lykens Valley charge, and completed by a bequest of $500 under the will of Mrs. Elizabeth Ritzman of Gratz, Pa.

The Francis Magee Scholarship, founded by the late Francis Magee of Philadelphia.

The Heidelberg Scholarship, founded by a member of Heidelberg Reformed Church, York, Pa.

The Saint Mark's Scholarship, founded in 1918 by the members of Saint Mark's Reformed Church, Lebanon, Pa., in honor of their pastor, the Rev. I. Calvin Fisher, D.D., '89, and his wife, Eva S. Fisher, and in celebration of their twenty-fifth anniversary in the pastorate of Saint Mark's Church.

The Bahner Scholarship, founded in 1919 by the members of Trinity Reformed Church, Waynesboro, Pa., in honor of the Rev. Franklin F. Bahner, D.D., '73, and his wife, Mary Ella Bahner, on their completion of forty-two years of devoted service in the pastorate of the Waynesboro charge.

The Hilltown Scholarship, founded by members of the Hilltown charge of the Reformed Church in the United States in celebration of the Four Hundredth Anniversary of the Protestant Reformation.

HONORS AND PRIZES

COMMENCEMENT PARTS

Two commencement parts (or honors) are assigned to members of the graduating class; one to the young man attaining the highest grade among the young men; the other to the young woman attaining the highest grade among the young women. Of these two, the one having the higher grade is assigned the Valedictory; the other, the Salutatory.

GRADUATION WITH DISTINCTION

Members of the graduating class, who have shown great proficiency in their entire course may be graduated with distinction if, in the opinion of the Faculty, their attainments warrant such honors. These distinctions are: *summa cum laude, magna cum laude,* and *cum laude,* and are given only for unusual excellence in all the subjects pursued by the candidate.

DEPARTMENT HONORS

Students may be graduated with special honors in departments of study in which they have shown exceptional proficiency, and in which they have done extra work as prescribed in the following rules:

1. A candidate for department honors must have the endorsement of the professor in charge of the department in which he expects to try for such honors, and must enroll as a candidate at the Dean's office not later than one month after the opening of the college year in which he expects to receive his degree.

2. A student must have maintained a grade not lower than C in any course previously pursued after the First year and must maintain an average of B while he is pursuing his work as a candidate for department honors.

3. A candidate shall be required to do an amount of work equivalent to one-half course in the department in which he intends to try for honors, in addition to the full number of courses prescribed for graduation; and shall submit to the Faculty a thesis on some subject within the field represented by his extra work. The thesis must be presented at least one week before the time set for the Fourth year final examinations.

JUNIOR ORATORICAL PRIZES

Cash prizes of Twenty Dollars and Fifteen Dollars are offered by Alvin Hunsicker, B. S., of New York City, and the Rev. J. W. Meminger, D. D., of Lancaster, Pa., respectively, both members of the class of 1884, for the best and second best orations delivered in the Junior Oratorical Contest for men on Monday evening of Commencement week.

A cash prize of Twenty Dollars is offered by the Women Graduates' Association for the best oration delivered in the Junior Oratorical Contest for young women held also on Monday evening of Commencement week.

SCHOLARSHIP PRIZES

Twenty scholarships are offered annually under special conditions, by the authority of the Directors of the College, as prizes in approved secondary schools. These scholarships are good for four years, provided the holder maintains a creditable record in both scholarship and deportment. A scholarship entitles the holder to a rebate of Fifty Dollars on each year's bills.

DEGREES

The College confers the degrees of Bachelor of Arts and Bachelor of Science on all students who have completed the academical exercises appointed for them by the Faculty, and, upon final examination, have been approved as candidates for these degrees. The institution confines itself exclusively to undergraduate work. Candidates for the degree of Master of Arts are referred to university graduate schools.

On academic occasions the College may confer the honorary degrees of Doctor of Divinity, Doctor of Science and Doctor of Laws on persons whose distinguished ability or service may have been deemed worthy of such recognition by the Faculty.

THE SUMMER SESSION

The Summer Session of Ursinus College for the year 1919 will open on Monday, June 23, at 8 o'clock a. m., and close on Friday, August 1, at 12 o'clock noon.

ADMISSION

No examination is required for admission to the college preparatory courses offered in the Summer Session. The candidate must, however, satisfy the instructor that he is fitted to do the work of a course by submitting written evidence of his preparation in the form of term reports, certificates or official letters from approved schools or instructors.

Members of Ursinus College and of other colleges are admitted to collegiate courses in the Summer Session without examination. Graduates of approved academies, high schools and normal schools are admitted without examination to all courses for which they present certificates of preparation in the form prescribed by the Faculty of Ursinus College for admission to College. Blank forms for these certificates may be had on application to the Dean of the College. Other applicants must take the entrance examinations of the departments in which they wish to work. When credit toward a degree is not desired, persons may register without examination for any course they are prepared to pursue.

INSTRUCTION

The instruction in the Summer Session is given by the professors who are the heads of the departments in the College, by instructors who are regular members of the Faculty and by assistants appointed by the Faculty.

While the organization of the work is favorable to rapid progress, the ruling ideal is thoroughness. Students are required to do the same work, and are graded and ranked according to the same standards as in the regular sessions of the College.

For a complete statement of the courses offered, see the Summer Session catalogue, published separately.

CREDIT FOR WORK

Students admitted to the college courses in the Summer Session on certificate approved by the Faculty, or on examination, and who maintain a grade of A, B or C in their work will be given credit toward the degree of Bachelor of Arts or Bachelor of Science. Students who have pursued regular courses in the Summer Session and have passed the final examinations in the same, are granted certificates setting forth the work done and the grade attained.

TUITION AND FEES

Before entering the classes students must register at the Dean's office and pay their fees at the Treasurer's office. The fees are: Matriculation, $5.00; Tuition, for one course, $10.00; for each additional course, $5.00. For each laboratory course a fee of $3.00 is charged for use of apparatus.

No matriculation fee is charged to students in Ursinus College or to students who have paid the fee in a former summer session.

ROOM AND BOARD

Rooms in the College buildings, completely furnished for student residence, have been set apart for the use of summer students. The charge for a room, including light and attendance, is $2.00 per week. When two students arrange to occupy a room together, the charge will be divided between them. Each student supplies his own towels, two pairs of sheets for a single bed, a blanket and a bedspread. Bed clothing may be rented from the College for $2.00 for the session of six weeks.

The regulations concerning the care of college property and the conduct of students are the same as in the regular sessions of the college.

Board may be obtained at the College Dining Hall for $5.00 per week.

The special catalogue of the Summer Session may be had on application to the Dean of the College.

OF THE
UNIVERSITY OF ILLINOIS

SHREINER HALL (residence for women)
TRINITY COTTAGE (residence for women)

OLEVIAN HALL (residence for women)
SUPERHOUSE (president's home)

SATURDAY COURSES

Instruction is offered on Saturdays for students who cannot attend the regular classes. The way is thus opened for teachers to pursue college courses. The value of college work in conjunction with teaching is recognized by many school boards, the policy being not infrequently to advance the salaries of those who in this way increase their professional fitness. By combining work in the Summer Session and Saturday courses, it is possible for teachers in service to meet the requirements for graduation in about seven years. A saving of time and expense, as well as a decided educational advantage, can be effected by attending the College as a regular student during the latter part of the course.

REGISTRATION

Students contemplating Saturday work should meet at the College to select courses of study and to register on the morning of the first Saturday of the academic year (see page 4, Calendar). Studies should be chosen with reference to their necessary sequence and such grouping of students is desirable as will yield the most economical organization of classes.

Saturday students are permitted to register for not more than one and one-half courses in any one year. The completion of a standard course requires that at least two hours of class-work per week throughout the year be devoted to the subject. The requirements of a half-course may be met by one hour of class-work per week throughout the year.

TUITION

A matriculation fee of five dollars is charged each Saturday student who enters the institution for the first time.

The fees for instruction vary according to the number in the class from fifty cents to one dollar an hour. No reduction is allowed on account of absence. To students who are obliged to withdraw, tuition will be remitted from the date of withdrawal. These items are payable on presentation of bills by the Treasurer at the beginning of each term.

LISTS OF STUDENTS

Abbreviations are used to designate residence halls as follows: F. H., Freeland Hall; D. H., Derr Hall; S. H., Stine Hall; Sh. H., Shreiner Hall; O. H., Olevian Hall; Sp. H., Sprankle Hall; T. C., Trinity Cottage.

STUDENTS IN THE COLLEGE

CLASSICAL GROUP

WILLIAM WALLACE BANCROFT....*Philadelphia* .....D. H.
Princeton Theological Seminary.

ANNA DAVIS BEDDOW.....*Minersville* .....T. C.
Minersville High School.

JAMES WILLIAM BRIGHT.....*Bernville* .....D. H.
Penn Township High School.

DANIEL BENJAMIN FRANKLIN....*Mechanics Valley* .....Sp. H.
Dickinson Seminary.

NORMAN SYLVESTER GREENAWALT.*McKeansburg* .....D. H.
Orwigsburg High School.

ANNA DORETTA GRIM.....*Perkasie* .....T. C.
Perkasie High School.

CLARENCE EDGAR HEFFELFINGER...*Milton* .....D. H.
Milton High School.

SOLOMON LEANDER HOKE.....*Spring Grove* .....D. H.
York County Academy.

RAY HANDFORD KLINGAMAN.....*Bloomsburg* .....D. H.
Bloomsburg State Normal School.

ELMER ELWOOD LEIPHART.....*Hellam, R. 1*.....D. H.
York County Academy.

EDWIN WARNER LENTZ, JR.....*Bangor* .....S. H.
Bangor High School.

HERBERT PERRY LONG.....*Allentown* .....D. H.
Keystone State Normal School.

LEWIS HARRISON LUDWIG.....*Ironbridge* .....Ironbridge
Collegeville High School.

MATILDA JANE MAURER.....*Minersville* .....Sh. H.
Minersville High School.

OLIVER KIRK MAURER.....*Hatboro* .....D. H.
Perkiomen School.

PHILIP JONATHAN MAY.....*Newark, N. J.*.....D. H.
Barringer High School.

LEOPOLD PAUL MOORE, JR.....*Philadelphia* .....D. H.
West Philadelphia High School.

JOHN WILLIAM MYERS... .....*New Oxford* .....D. H.
Gettysburg Academy.

FRANCIS CHRISTOPHER SCHLATER..*Broad Axe* .....D. H.
Perkiomen School.

CHARLES UNDERKOFFLER SHELLENBERGER..*Green Lane* .....D. H.
Perkiomen School.

DANIEL NASH TIPPIN.....*Blue Bell* .....D. H.
Cheltenham High School.
CHARLES HERBERT WELLER.....*Pottstown* .....D. H.
Temple University.
PERCY LENTZ WIDENMYER.....*Philadelphia* .....D. H.
Brown Preparatory School.
JOHN EDWIN WILDASIN.....*Littlestown* .....F. H.
Littlestown High School.
WILLIAM OELSCHLAGER WOLFORD..*Salfordville* .....D. H.
Perkiomen School.
JESSE BAER YAUKEY.....*Waynesboro* .....D. H.
Waynesboro High School.

MATHEMATICAL GROUP

GEORGE THEODORE ARMS, JR.....*Pottstown* .....F. H.
Pottstown High School.
WILLIAM WILSON BADEN, JR....*Collegeville* .....Collegeville
Reed College.
KATHRYN ELIZABETH BARNES....*Norristown* .....Norristown
Norristown High School.
LOTTIE FULMER BOWDEN .....*Oaks* .....Oaks
Phoenixville High School.
GUILLIAM GEORGE CLAMER.....*Collegeville* .....Collegeville
Pennsylvania State College.
PAULINE BOILEAU DAVIS.....*Phoenixville* .....O. H.
Phoenixville High School.
EVAN LELAND DEIBLER.....*Elizabethville* .....S. H.
Millersburg High School.
MAHLON WESLEY DETWILER.....*Providence Square* .....D. H.
Norristown High School.
ROBERT LYMAN FARLEY.....*Norristown* .....F. H.
Norristown High School.
HELEN LACHMAN FRY.....*Norristown* .....Collegeville
Norristown High School.
MARION GRATER.....*Collegeville* .....Collegeville
Collegeville High School.
CATHERINE ELIZABETH HEINDEL...*York* .....Sh. H.
York High School.
GRETA PEARL HINKLE.....*Reading* .....Sh. H.
Reading High School for Girls.
MARY LOUISE HINKLE.....*Reading* .....Collegeville
Reading High School for Girls.
LOIS HOOK.....*Fort Washington* .....Sh. H.
Cheltenham High School.

HARRY MOUNTAIN.....*Conshohocken, R. 2*.....F. H.
Plymouth Consolidated High School.
EMILY RUTH PHILIPS.....*Minersville* .....Sh. H.
Minersville High School.
JACOB WILBUR SECHLER.....*Philadelphia* .....D. H.
Friends' Central School.
JOHN FRED WILLIAM STOCK.....*Philadelphia* .....S. H.
Northeast High School.

CHEMICAL-BIOLOGICAL GROUP

DORIS ELIZABETH ALLEN.....*Haddonfield, N. J.*.....T. C.
Haddonfield High School.
HARRY ALBERT ALTENDERFER, JR..*Robesonia* .....D. H.
Bethlehem Preparatory School.
HARRY ELLICOTT BACON.....*Philadelphia* .....D. H.
Friends' Central School.
EDNA MAE BOYD.....*Philadelphia* .....O. H.
Philadelphia High School for Girls.
BEATRICE BROOKS.....*Palmyra, N. J.*.....O. H.
Palmyra (N. J.) High School.
BROOKS ELVIN CLARK.....*Saxton* .....S. H.
Saxton High School.
FREDERICK PAXSON FRUTCHEY...*Bangor* .....S. H.
Bangor High School.
DANIEL EDGAR GROVE.....*Shady Grove* .....S. H.
Cumberland Valley State Normal School.
DOROTHY SYBIL HARDING.....*Trappe* .....Trappe
Collegeville High School.
HARRY KOHN.....*Phoenixville* .....S. H.
Phoenixville High School.
IRENE FRANCES LAUB.....*Bath* .....T. C.
Bethlehem High School.
BERTRAM MILLER LIGHT.....*Lebanon* .....S. H.
Lebanon High School.
LLOYD GILBERT LITTLE.....*Schwenksville* .....D. H.
Schwenksville High School.
CHARLES WALLACE MACFARLAN..*Oaks* .....Oaks
Phoenixville High School.
NEVIN DANIEL MILLER.....*Phoenixville* .....F. H.
Randolph Macon Academy.
WILLIS LLOYD MOYER.....*Souderton* .....S. H.
Lansdale High School.
NICHOLAS JAMES PALADINO.....*Jersey City, N. J.*.....S. H.
Mt. Herman (Mass.) School.

Melvin Trumbore Rahn.....*Sumneytown* .....S. H.
Collegeville High School.
Elmer Clarence Roth.....*Pennsburg* .....S. H.
Perkiomen School.
Emma May Schweigert.....*Philadelphia* .....T. C.
William Penn High School for Girls.
Ellen Hart Walker.....*Norristown* .....O. H.
Norristown High School.
Linneaus Arthur Walton.....*Norristown* .....S. H.
Norristown High School.
Marion Josephine Xander.....*Philadelphia* .....T. C.
William Penn High School for Girls.
Abram Randal Zendt.....*Souderton* .....D. H.
Souderton High School.

HISTORICAL-POLITICAL GROUP

Charles Matthew Brooke.....*Ardmore* .....S. H.
Haverford High School.
George Elmer Brown.....*Sanatoga* .....F. H.
The Mercersburg Academy.
Oliver Shellenberger Brownback..*Trappe* .. ..Trappe
Collegeville High School.
Alexander Givin Canan.....*Philadelphia* .....D. H.
Brown Preparatory School.
John Carroll Deisher.....*Spring City* .....S. H.
Spring City High School.
Nathaniel Simmers Detwiler...*Spring City* .....F. H.
Spring City High School.
Dana Frank Griffin.....*West Pittston* .....S. H.
Dickinson College.
Mary Jourdan Hall.....*Uniontown* .....T. C.
Beechwood School.
Arthur Roy Hefren.....*Hallton* .....S. H.
Sheffield High School.
Cyril Cecil Helffrich.....*Bath* .....F. H.
The Mercersburg Academy.
Donald Lawrence Helffrich...*Bath* .....S. H.
The Mercersburg Academy.
Frank Marion Hunter.....*Spring City* .....S. H.
Lafayette College.
Paul Heffner Isenberg.....*Philadelphia* .....S. H.
The Mercersburg Academy.
John Francis Knipe.....*Limerick* .....Limerick
Collegeville High School.

HERMAN HURWITZ KREKSTEIN...*Norristown, R. 1*.....Norristown
Collegeville High School.
CHESTER WEBB MOORE.....*West Grove* .....F. H.
Coatesville High School.
CLYDE ANSON MOSER.....*Conshohocken* .....S. H.
Conshohocken High School.
JOHN GARWOOD NEWITT.....*Norristown* .....Norristown
Spring Garden Institute.
CLARENCE A. PAINE.....*Lebanon* .....F. H.
Lebanon High School.
CARROLL LENNOX RUTTER.....*Stowe* .....F. H.
Pottstown High School.
WALLACE CLEMENTS SAVAGE.....*Philadelphia* .....F. H.
West Philadelphia High School.
CLYDE LLEWELLYN SCHWARTZ....*Littlestown* .....S. H.
Littlestown High School
CHRISTIAN HURST WENGER.....*Schwenksville* .....F. H.
Schwenksville High School.

ENGLISH-HISTORICAL GROUP

FRIEDA SCHOLL ASH.....*Phoenixville* .....O. H
Phoenixville High School.
LAMONT GEORGE BEERS.....*Bath* .....D. H.
Keystone State Normal School.
MARGARET FRANCES BOOKMAN....*York* .....O. H.
York High School.
GRACE CHANDLER.....*Brownsburg* .....Sh. H.
Lambertville (N. J.) High School.
MARY BANCROFT CLOSSON.....*Germantown* .....Sh. H.
Ursinus Summer Session.
NAOMI C. DETWILER.....*Phoenixville, R. 1*...Phoenixville
Phoenixville High School.
MILDRED DENTZEL ERNEY.....*Fort Washington* .....Sh. H
Cheltenham High School.
ALMA MATILDA FEGELY.....*Trappe* .....Trappe
Ursinus Summer Session.
ALMA LORAINE FRIES.....*Reading* .....Sh. H.
Reading High School for Girls.
LEAH A. GINGRICH.....*Lebanon* .....Sh. H.
Lebanon High School.
ELEANOR A. G. GREENOVEL.....*Phoenixville* .....Collegeville
Phoenixville High School.

ANGELINE YERGER HENRICKS.....*Pottstown* .....T. C.
Pottstown High School.
MARY JANE HERSHBERGER.....*Roebling, N. J.*.....O. H.
Lebanon High School.
ANNA KATHRYN HIGH.....*Pottstown, R. 1*.....O. H.
Pottstown High School.
JESSIE MARION JONES.....*Bangor* .....Sh. H.
Bangor High School.
SUSANNE HOLLIS KELLEY.....*Pottstown* .....T. C.
Pottstown High School.
ANNA ALVERDA KNAUER.....*St. Peters* .....O. H.
West Chester State Normal School.
ELIZABETH MARIE LATTELL.....*Phoenixville* .....Sh. H.
Ursinus Summer Session.
GLADYS LIGHT.....*Lebanon* .....T. C.
Lebanon High School.
MARGARET EVELYN MARKLEY.....*Fairview Village,* Fairview Village
West Chester State Normal School.
DOROTHY ADELE MENTZER.....*Lebanon* .....Sh. H.
Lebanon High School.
JOSEPH LEROY MILLER.....*Parkerford* .....F. H.
Spring City High School.
CLARA EDITH MOUL.....*York* .....Sh. H.
York High School.
MAE SMITH MOYER.....*Phoenixville, R. 1*...Phoenixville
Collegeville High School.
MARY MARGUERITE MOYER.....*Souderton* .....O. H.
Souderton High School.
MISAO NISHIYAMA.....*San Francisco, Cal.*.....F. H.
North Japan College.
ERNEST YEAKLE RAETZER.....*Philadelphia* .....F. H.
Central High School.
HELEN MARGARET REIMER.....*Flicksville* .....O. H.
Bangor High School.
CHARLES WILLIAM RUTSCHKY, JR.*Pottstown, R. 5*.....F. H.
Pottstown High School.
BEULAH ALLEBACH SCHOLL.....*Green Lane* .....Green Lane
Ursinus Summer Session.
DOROTHY ARNET SHIFFERT.....*Pottstown* .....O. H.
Pottstown High School.
RUTH ELINOR SNYDER.....*Lebanon* .....S. H.
Lebanon High School.
DORIS HOLT SUTCLIFFE.....*Spring City* .....O. H.
Spring City High School.
LUCILE BERNICE WAGNER.....*Reading* .....Sh. H.
Collegeville High School.

ETTA JEFFERIS WICKERSHAM.....*Pottstown* .....O. H
Pottstown High School.
THELMA RITTENHOUSE WOOD.....*Norristown* .....Sh. H.
Norristown High School.
MARY LOIS YEAGER.....*Spring City, R. 2*.....Spring City
Ursinus Summer Session.
PAUL JONATHAN YOST.....*Tamaqua* .....D. H.
Tamaqua High School.

MODERN LANGUAGE GROUP

CORDELIA BROMER BECHTEL.....*Schwenksville* .....*Schwenksville*
Schwenksville High School.
MIRIAM DORINDA BOESHORE.....*Fredericksburg* .....O. H.
Lebanon High School.
ELIZABETH CATHERINE CLAPHAM.*Bloomsburg* .....O. H.
Irving College.
CORA LYSINGER DANEHOWER.....*Yerkes* .....Yerkes
Collegeville High School.
HELEN FAHRINGER.....*Pottstown* .....Sh. H.
Pottstown High School
MARGARET HESTER HARCLERODE...*Hopewell* .....T. C.
Ursinus Summer Session.
LOLA HARRIET HUTTEL.....*Collegeville* .....Collegeville
Collegeville High School.
NORA BEAN KEELY.....*Schwenksville* .....Sh. H.
Schwenksville High School.
EMMA SCHAEFFER KIRSCHNER....*Hazleton* .....T. C.
Wilson College.
LOUISE MAY KUNKEL.....*Trexler* .....T. C.
Perkiomen School.
JESSAMINE ISABEL MACDONALD...*Barrington, N. J.*.....Sh. H.
Haddonfield (N. J.) High School.
MILDRED HESS MITMAN.....*Easton* .....Sh. H.
Easton High School.
MARY BOYER PETERMAN.....*Royersford* .....T. C.
Royersford High School.
MASIE GLADYS RICHMAN.....*Salem, N. J.*.....O. H.
Salem (N. J.) High School.
REBEKAH SADIE SHEAFFER.....*Bareville* .....T. C.
Elizabethtown College.
ESTHER G. SHIREY.....*Lebanon* .....Sh. H.
Lebanon High School.
OLIVE LORETTA SLAMP.....*Easton* .....Sh. H.
Easton High School.

MARION ELIZABETH SLOTTERER....*Collegeville* .....Collegeville
Collegeville High School.

STUDENTS IN THE SUMMER SESSION

WILLIAM WALLACE BANCROFT....*Philadelphia* .....F. H.
Latin, Mathematics.
FRANK BARNDT.....*Pennsburg* .....Pennsburg
Psychology, Ethics.
HELEN ARNOLD BEAM.....*Kutztown* .....T. C.
French, Psychology.
PEARL MARIE CONWAY.....*Collegeville* .....Collegeville
Physics, History.
CALVERT NICE ELLIS.....*Huntingdon* .....Perkiomenville
Plane Geometry, English.
MARY A. R. ESCHBACH.....*Pottstown* .....Pottstown
English.
EVELYN ESSICK FOX.....*Royersford* .....Royersford
French, Ethics, Spanish.
DANIEL BENJAMIN FRANKLIN....*Mechanics Valley* .....F. H.
French, Psychology.
HELEN LACHMAN FRY.....*Norristown* .....Collegeville
French, Geometry.
PEARL B. GONSER.....*Mt. Carmel* .....T. C.
French, Physics.
JUAN HURTADO.....*New York City* .....F. H.
Geometry, Trigonometry, English.
RAY HANDFORD KLINGAMAN.....*Bloomsburg* .....F. H.
Latin.
LLOYD GILBERT LITTLE.....*Obelisk* .....F. H.
Latin.
JESSAMINE ISABEL MACDONALD...*Barrington, N. J.*.....T. C.
Ethics, French.
OLIVER KIRK MAURER.....*Hatboro* .....F. H.
Latin, French.
HELEN ROHDEN.....*Chicago, Ill.* .....T. C.
French, Geometry.
ALFRED A. RUST.....*Conshohocken* .....Conshohocken
Geometry.
HARVEY CLEVELAND SABOLD.....*Fort Washington,* Fort Washington
Ethics, Geometry, Spanish.
BEULAH ALLEBACK SCHOLL.....*Green Lane* .....Green Lane
Spanish, French, Ethics.
MARTIN HENRY THOMAS.....*Harrisburg* .....F. H.
Ethics, Psychology of Education.

Ursinus College

STUDENTS IN MUSIC

Pursuing College Courses

Frieda Scholl Ash	*Phoenixville*	O. H.
Miriam Dorinda Boeshore	*Fredericksburg*	O. H.
Helen Fahringer	*Pottstown*	Sh. H.
Robert Lyman Farley	*Norristown*	F. H.
Alma Matilda Fegely	*Trappe*	Trappe
Marion Grater	*Collegeville*	Collegeville
Margaret Hester Harclerode	*Hopewell*	T. C.
Greta Pearl Hinkle	*Reading*	Sh. H.
Mary Louise Hinkle	*Reading*	Collegeville
Matilda Jane Maurer	*Minersville*	Sh. H.
Dorothy Adele Mentzer	*Lebanon*	Sh. H.
Helen Margaret Reimer	*Flicksville*	O. H.
Thelma Rittenhouse Wood	*Norristown*	Sh. H.

Receiving Private Instruction Only

Augustina Homer Brown	*Collegeville*	Collegeville
Elizabeth Catherine Clapham	*Bloomsburg*	O. H.
Mary Bancroft Closson	*Philadelphia*	Sh. H.
Cora Lysinger Danehower	*Yerkes*	Yerkes
Mildred Dentzel Erney	*Fort Washington*	Sh. H.
Angeline Yerger Henricks	*Pottstown*	T. C.
Mary Jourdan Hall	*Uniontown*	T. C.
Anna Doretta Grim	*Perkasie*	T. C.
Catherine Elizabeth Heindel	*York*	Sh. H.
Frank Marion Hunter	*Spring City*	S. H.
Emma Schaeffer Kirschner	*Hazleton*	T. C.
Anna Alverda Knauer	*St. Peters*	O. H.
Cynthia Messinger	*Trappe*	Trappe
Mary Marguerite Moyer	*Souderton*	O. H.
Eveline Beaver Omwake	*Collegeville*	Superhouse
Stanley Omwake	*Collegeville*	Superhouse
Rebekah Sadie Sheaffer	*Bareville*	T. C.
Ruth Elinor Snyder	*Lebanon*	Sh. H.
Jeanne Estrelle Stevens	*Royersford, R. 3*	Royersford
Norman Stockett, Jr	*Collegeville, R. Route,*	Collegeville
Emma Powell Tower	*Collegeville*	T. C.
Katherine Bisbee Tower	*Collegeville*	T. C.
Ellen Hart Walker	*Norristown*	O. H.
Lucile Bernice Wagner	*Reading*	Sh. H.
Marion Josephine Xander	*Philadelphia*	T. C.

OF THE
UNIVERSITY OF ILLINOIS

STUDENT ARMY TRAINING CORPS

STUDENT ARMY TRAINING CORPS

Commanding Officer: Second Lieutenant Stanley S. Wohl
Adjutants: Second Lieutenant Harry Howard Fairfield
Second Lieutenant Harold Ross Long

Harry E. Bacon.....Philadelphia
Wilson W. Baden, Jr.....Collegeville
Joseph G. Barth, Jr.....Philadelphia
Edward W. Best.....Reading
Roy B. Brightbill.....Hummelstown
George E. Brown.....Sanatoga
Oliver S. Brownback.....Trappe
Alexander G. Canan.....Philadelphia
Brooks E. Clark.....Saxton
Paul J. Clemmer.....Barto
Shriver L. Coover.....Shippensburg
Lawrence G. Dando.....Cressona
Evan L. Deibler.....Elizabethville
John C. Deisher.....Spring City
Mahlon W. Detwiler.....Providence Square
Nathaniel S. Detwiler.....Spring City
Morton S. Eiseman.....Philadelphia
Robert L. Farley.....Norristown, R. D.
Nelson K. Faust.....Gilbertsville, R. 1
Walter H. Fenstermacher.....West Point
Ralph C. Frederick.....Spring City
Allen R. Fritz.....Bangor
Lawrence P. Gausch.....Phoenixville
Mark S. Gerhart.....Telford
Henry Goldstein.....Saxton
Norman S. Greenawalt.....McKeansburg
Samuel S. Gulick.....Perkasie
James H. Harley.....Norristown
George W. Hedderson, Jr.....Philadelphia
Paul G. Hedrick.....Perkasie
Clarence Edgar Heffelfinger.....Milton
Anton S. Heis.....Green Lane
Cyril C. Helffrich.....Bath
Charles R. Hirshland.....Reading
Solomon L. Hoke.....Spring Grove
Frank L. Huber.....Parkerford
John R. Irwin.....Bridgeport
Paul H. Isenberg.....Philadelphia
George R. Johnson.....Bath
Arlie T. Jones.....Saxton
Ray H. Klingaman.....Bloomsburg
Frank J. Kohler, Jr.....Philadelphia

Ursinus College

Harry Kohn.....Phoenixville
Lester C. Kohr.....York, R. 10
Herman H. Krekstein.....Norristown, R. 1
Charles F. Kryder.....Royersford
Earl R. Kutz.....Bridgeport
Harry E. Lebengood.....Cressona
Curvin E. Lehr.....Dover, R. 2
Edwin W. Lentz.....Bangor
William Levin.....Reading
Lloyd G. Little.....Schwenksville, R. 2
Albert N. Lowry.....Phoenixville
Lewis H. Ludwig.....Ironbridge
Charles W. MacFarlan.....Oaks
Percy W. Malone.....Norristown
Eugene C. Markley.....Zieglerville
John D. McCarraher.....Phoenixville
Robert L. McCoy.....Conshohocken
Frank H. Meyer.....Philadelphia
Charles M. Miller.....Conshohocken
Joseph E. Miller.....Schwenksville
Joseph L. Miller.....Parkerford
Miles V. Miller.....Elizabethville
Nevin D. Miller.....Phoenixville
Russell H. Miller.....Lebanon
Walter H. Miller.....Scranton
Chester W. Moore.....West Grove
John A. Morningstar.....Saxton
Clyde A. Moser.....Conshohocken
Harry G. Mountain.....Conshohocken, R 2
Willis L. Moyer.....Souderton
John G. Newitt.....Norristown
Erwin W. Ott.....Pennsburg
Robert T. Paul.....Philadelphia
Ernest Y. Raetzer.....Philadelphia
Alvin S. Richards.....Zieglerville
Henry T. Rohde.....Dorranceton
William C. Romeis.....Bridgeport
Elmer C. Roth.....Pennsburg
Raymond W. Roth.....Norristown
Joseph W. Sames.....Norristown
Daniel B. Schroeder.....Reading
Clyde L. Schwartz.....Littlestown
Jacob W. Sechler.....Philadelphia
John M. Shaeffer.....Fairview Village
Stanley M. Shirey.....Reading
Paul P. Silverman.....Philadelphia

Student Army Training Corps

Paul W. Slanker.....Norristown
Warren S. Snyder.....West Conshohocken
Philip J. Stecher.....Philadelphia
John H. Templeton.....Norristown
Franklin T. Tyson.....Schwenksville
Harold N. Urban.....Ambler
Henry B. Vaughn.....West Point
Clarence L. Wahl.....Reading
Linneaus A. Walton.....Norristown
Warren G. Weaver.....Saxton
Charles H. Weller.....Pottstown
Percy L. Widenmyer.....Philadelphia
William O. Wolford.....Salfordville
Paul J. Yost.....Tamaqua
Reuben L. Young.....Philadelphia

DIRECTORY OF STUDENTS

In all Departments of the College

The italic letters set opposite the name indicate the group or department to which the student belongs: *Cl.*, Classical group; *M.*, Mathematical group; *C-B.*, Chemical-Biological group; *H-P.*, Historical-Political group; *E-H.*, English-Historical group; *ML.*, Modern Language group; *S.S.*, Summer Session; *Mu.*, Music department; *Mil.*, Student Army Training Corps.

The numbers 1, 2, 3 and 4 preceding these letters indicate the First, Second, Third and Fourth years respectively in College. Sat., means enrolled in Saturday courses; Sp., means Special Student.

The final letter A. indicates that the student is a candidate for the degree of Bachelor of Arts; the final letter S. indicates that the student is a candidate for the degree of Bachelor of Science.

Allen, D. E., 1 *C-B*.....A
Altenderfer, H. A., Jr., 1 *C-B*.....A
Arms, G. T., Jr., 1 *M*.....S
Ash, F. S., 1 *E-H., Mu*.....S
Bacon, H. E., 1 *C-B., Mil*.....S
Baden, W. W., Jr., 4 *M., Mil*.....A
Bancroft, W. W., *S.S.*, 4 *Cl*.....A
Barndt F., *S.S.*
Barnes, K. E., 3 *M*.....A
Barth, J. G., Jr., *Mil.*
Beam, H. A., *S.S.*
Bechtel, C. B., 1 *ML*.....A
Beddow, A. D., 3 *Cl*.....A
Beers, L. G., 4 *E-H*.....A
Best, E. W., *Mil.*
Boeshore, M. D., 3 *ML., Mu*.....A
Bookman, M. F., 1 *E-H*.....S
Bowden, L. F., 1 *M*.....A
Boyd, E. M., 4 *C-B*.....S
Bright, J. W., 1 *Cl*.....A
Brightbill, R. B., *Mil.*
Brooke, C. M., 3 *H-P*.....A
Brooks, B., 3 *C-B*.....S
Brown, G. E., 1 *H-P., Mil*.....A
Brownback, O. S., 3 *H-P., Mil*.....A
Canan, A. G., 1 *H-P., Mil*.....S
Chandler, G., 4 *E-H*.....A
Clamer, G. G., 4 *M*.....S
Clapham, E. C., 2 *ML*.....S
Clark, B. E., 1 *C-B., Mil*.....A
Clemmer, P. J., *Mil*
Closson, M. B., 3 *E-H*.....A
Conway, P. M., *S.S.*
Coover, S. L., *Mil.*
Dando, L. G., *Mil.*
Danehower, C. L., 3 *ML*.....A
Davis, P. B., 3 *M*.....S
Deibler, E. L., 1 *M., Mil*.....A
Deisher, J. C., 4 *H-P., Mil*.....A
Detwiler, M. W., 1 *M., Mil*.....S
Detwiler, N. C., 3 *E-H*.....A
Detwiler, N. S., 1 *H-P., Mil*.....S
Eiseman, M. S., *Mil.*
Ellis, C. N., *S.S.*
Erney, M. D., 3 *E-H*.....A
Eschbach, M. A. R., *S.S.*
Fahringer, H., 2 *ML., Mu*.....A
Farley, R. L., 1 *M., Mu., Mil*.....S
Faust, N. K., *Mil.*
Fegely, A. M., 4 *E-H., Mu*.....A
Fenstermacher, W. H., *Mil.*
Fox, E. E., 4 *S.S*.....A
Franklin, D. B., *S.S.*, 3 *Cl*.....A
Frederick, R. C., *Mil.*
Fries, A. L., 3 *E-H*.....A
Fritz, A. R., *Mil.*
Frutchey, F. P., 1 *C-B*.....A
Fry, H. L., *S.S.*, 2 *M*.....A
Gausch, L. P., *Mil.*
Gerhart, M. S., *Mil.*
Gingrich, L. A., 3 *E-H*.....A
Goldstein, H., *Mil.*
Gonser, P. B., *S.S.*
Grater, M., 4 *M., Mu*.....A
Greenawalt, N. S., 1 *Cl., Mil*.....A
Greenover, E. A. G., 1 *E-H*.....A
Griffin, D. F., 4 *H-P*.....A
Grim, A. D., 3 *Cl*.....A

Grove, D. E., 3 *C-B*.....A
Gulick, S. S., *Mil*
Hall, M. J., 1 *H-P*.....A
Harclerode, M. H., 3 *ML., Mu*.....A
Harding, D. S., 2 *C-B*.....A
Harley, J. H., *Mil.*
Hedderson, G. W., Jr., *Mil.*
Hedrick, P. G., *Mil.*
Heffelfinger, C. E., 3 *Cl., Mil*.....A
Hefren, A. R., 3 *H-P*.....A
Heindel, C. E., 2 *M*.....A
Heis, A. S., *Mil.*
Helffrich, C. C., 1 *H-P., Mil*.....A
Helffrich, D. L., 2 *H-P*.....A
Henricks, A. Y., 1 *E-H*.....A
Hershberger, M. J., 1 *E-H*.....A
High, A. K., 3 *E-H*.....A
Hinkle, G. P., 4 *M., Mu*.....A
Hinkle, M. L., 1 *M., Mu*.....A
Hirshland, C. R., *Mil.*
Hoke, S. L., 2 *Cl., Mil*.....A
Hook, L., 3 *M*.....A
Huber, F. L., *Mil.*
Hunter, F. M., 4 *H-P*.....A
Hurtado, J., *S.S.*
Huttel, L. H., *Sat., ML.*
Irwin, J. R., *Mil.*
Isenberg, P. H., 2 *H-P., Mil*.....A
Johnson, G. R., *Mil.*
Jones, A. T., *Mil.*
Jones, J. M., 4 *E-H*.....A
Keely, N. B., 3 *ML*.....A
Kelley, S. H., 1 *E-H*.....A
Knauer, A. A., 3 *E-H*.....A
Kirschner, E. S., 3 *ML*.....A
Klingaman, R. H., *S.S.*, 2 *Cl., Mil*..A
Knipe, J. F., 3 *H-P*.....A
Kohler, F. J., *Mil.*
Kohn, H., 2 *C-B., Mil*.....S
Kohr, L. C., *Mil.*
Krekstein, H. H., 4 *H-P., Mil*.....A
Kryder, C. F., *Mil.*
Kunkel, L. M., 2 *ML*.....A
Kutz, E. R., *Mil.*
Lattell, E. M., 4 *E-H*.....A
Laub, I. F., 2 *C-B*.....A
Lebengood, H. E., *Mil.*
Lehr, C. E., *Mil.*
Leiphart, E. E., 4 *Cl*.....A
Lentz, E. W., Jr., 2 *Cl., Mil*.....A
Levin, W., *Mil.*
Light, B. M., 3 *C-B*.....S
Light, G., 1 *E-H*.....A
Little, L. G., *S.S.*, 2 *C-B., Mil*.....A
Long, H. P., 4 *Cl*.....A
Lowry, A. N., *Mil.*
Ludwig, L. H., 2 *Cl., Mil*.....A
Macdonald, J. I., *S.S.*, 4 *ML*.....A
MacFarlan, C. W., 1 *C-B., Mil*.....S
Malone, P. W., Jr., *Mil.*
Markley, E. C., *Mil.*
Markley, M. E., *Sat., E-H.*
Maurer, M. J., 4 *Cl., Mu*.....A
Maurer, O. K., *S.S.*, 2 *Cl*.....A
May, P. J., 4 *Cl*.....A
McCarraher, J. D., *Mil.*
McCoy, R. L., *Mil.*
Mentzer, D. A., 2 *E-H., Mu*.....A
Meyer, F. H., *Mil.*
Miller, C. M., *Mil.*
Miller, J. E., *Mil.*
Miller, J. L., 3 *E-H., Mil*.....A
Miller, M. V., *Mil.*
Miller, N. D., 1 *C-B., Mil*.....S
Miller, R. H., *Mil.*
Miller, W. H., *Mil.*
Mitman, M. H., 1 *ML*.....S
Moore, C. W., 1 *H-P., Mil*.....A
Moore, L. P., Jr., 3 *Cl*.....A
Morningstar, J. A., *Mil.*
Moser, C. A., 2 *H-P., Mil*.....S
Moul, C. E., 4 *E-H*.....A
Mountain, H., 1 *M., Mil*.....A
Moyer, M. M., 2 *E-H*.....A
Moyer, M. S., 1 *E-H*.....A
Moyer, W. L., 4 *C-B., Mil*.....A
Myers, J. W., 3 *Cl*.....A
Newitt, J. G., 1 *H-P., Mil*.....S
Nishiyama, M., 3 *E-H*.....A
Ott, E. W., *Mil.*
Paine, C. A., 1 *H-P*.....A
Paladino, N. J., 4 *C-B*.....A

Paul, R. T., *Mil.*
Peterman, M. B., 1 *ML*.....A
Philips, E. R., 4 *M*.....A
Raetzer, E. Y., 4 *E-H., Mil*.....S
Rahn, M. T., 1 *C-B*.....A
Reimer, H. M., 1 *E-H., Mu*.....A
Richards, A. S., *Mil.*
Richman, M. G., 2 *ML*.....A
Rohde, H. T., *Mil.*
Rohden, H., *S.S.*
Romeis, W. C., *Mil.*
Roth, E. C., 1 *C-B., Mil*.....A
Roth, R. W., *Mil.*
Rust, A. A., *S.S.*
Rutschky, C. W., Jr., 4 *E-H*.....S
Rutter, C. S., 1 *H-P*.....A
Sabold, H. C., *S.S.*
Sames, J. W., *Mil.*
Savage, W. C., 4 *H-P*.....S
Schlater, F. C., 2 *Cl*.....A
Scholl, B. A., *S.S., Sat., E-H.*
Schroeder, D. B., *Mil.*
Schwartz, C. L., 2 *H-P., Mil*.....A
Schweigert, E. M., 4 *C-B*.....S
Sechler, J. W., 1 *M., Mil*.....S
Shaeffer, J. M., *Mil.*
Sheaffer, R. S., 4 *ML*.....A
Shellenberger, C. U., 2 *Cl*.....A
Shiffert, D. A., 4 *E-H*.....A
Shirey, E. G., 2 *ML*.....A
Shirey, S. M., *Mil.*
Silverman, P. P., *Mil.*
Slamp, O. L., 3 *ML*.....S
Slanker, P. W., *Mil.*
Slotterer, M. E., 1 *ML*.....A
Snyder, R. E., 2 *E-H*.....A
Snyder, W. S., *Mil.*
Stecher, P. J., *Mil.*
Stock, J. F. W., 1 *M*.....S
Sutcliffe, D. H., 3 *E-H*.....A
Templeton, J. H., *Mil.*
Thomas, M. H., *S.S.*
Tippin, D. N., 3 *Cl*.....A
Tyson, F. T., *Mil.*
Urban, H. N., *Mil.*
Vaughan, H. B., *Mil.*
Wagner, L. B., 3 *E-H*.....A
Wahl, C. L., *Mil.*
Walker, E. H., 1 *C-B*.....A
Walton, L. A., 3 *C-B., Mil*.....S
Weaver, W. G., *Mil.*
Weller, C. H., 1 *Cl., Mil*.....A
Wenger, C. H., *Sp., H-P.*
Wickersham, E. J., 4 *E-H*.....A
Widenmyer, P. L., 1 *Cl., Mil*.....A
Wildasin, J. E., 3 *Cl*.....A
Wolford, W. O., 2 *Cl., Mil*.....A
Wood, T. R., 2 *E-H., Mu*.....A
Xander, M. J., 2 *C-B*.....A
Yaukey, J. B., 4 *Cl*.....A
Yeager, M. L., *Sat., E-H.*
Yost, P. J., 1 *E-H., Mil*.....A
Young, R. L., *Mil.*
Zendt, A. R., 1 *C-B*.....A

GENERAL SUMMARY, 1918-1919

STUDENTS IN THE COLLEGE		
Classical Group	26	
Mathematical Group	19	
Chemical-Biological Group	24	
Historical-Political Group	23	
English-Historical Group	38	
Modern Language Group	18	
		148
STUDENTS IN THE SUMMER SESSION AND SATURDAY COURSES	24	
STUDENTS IN MUSIC	38	
STUDENTS IN THE STUDENT ARMY TRAINING CORPS	103	
		313
Deduct for names repeated		89
Total		224

PRIZES, HONORS AND DEGREES

Awarded in 1917-1918

PRIZES

Junior Oratorical Prizes for Men—Philip May, Herbert Perry Long.

Junior Oratorical Prize for Women—Jessamine Isabel Macdonald.

Havilah McCurdy Bennett Essay Prize—Leopold Paul Moore.

Scholarship Prizes:

Bangor High School—Helen Reimer.
Collegeville High School—Marion Elizabeth Slotterer.
Haddonfield (N. J.) High School—Doris Elizabeth Allen.
Lebanon High School—Clarence A. Paine.
Mercersburg Academy—George Elmer Brown.
Phoenixville High School—Lottie Fulmer Bowden.
Pottstown High School—Susanne Hollis Kelley.
Reading High School for Girls—Mary Louise Hinkle.

Gold Cross for Men, offered by Rev. O. P. Schellhamer, D.D.—Purd Eugene Deitz.

Gold Cross for Women, offered by Rev. I. N. Peightel, D.D.—Esther Rebecca Roth.

HONORS

(Department Honors)

English—Effie Starrett Brant, Wilbur K. McKee.
Mathematics—Samuel Wismer Miller, Bessie Catherine Rosen.
Philosophy—Purd Eugene Deitz.

(Commencement Parts)

Valedictory Oration—Ruth Justice Craft.
Salutatory Oration—Purd Eugene Deitz.

DEGREES

Doctor of Laws (Honorary)—William Bauchop Wilson.
Doctor of Science (Honorary)—Benjamin Franklin Royer.*
Doctor of Divinity (Honorary) —Rev. Edwin Warner Lentz, A.M., Rev. Marsby J. Roth, A.B., Rev. Philip Y. Schelly, A.B.*
Bachelor of Arts *Magna Cum Laude*—Ruth Justice Craft.

Prizes, Honors and Degrees

Bachelor of Arts, *Cum Laude*—Elsie Leah Bickel, Purd Eugene Deitz, Gilbert Alfred Deitz, Bessie Catherine Rosen, Anna DeLong Willever.

Bachelor of Arts—Russell Clyde Bartman, Mary Bechtel Borneman, Effie Starrett Brant, William Henry Brown, Walter Harold Diehl, Ruth Elizabeth Eggeling, Herman S. Gulick, Samuel S. Gulick, Jr., David Havard, Mary Deeds Johnson, Wilbur K. McKee, Samuel Wismer Miller, Max Cecil Putney, Ellen Rebecca Rhoads, Esther Rebecca Roth, Adam Edward Schellhase, Margaret E. Slinghoff, Carrie Benner Styer, Charles Spaide Unger, Raymond Eugene Wilhelm.

Bachelor of Science —John Earl Austerberry, Robert Donald Evans, John Robert Bowman, Isaac Davis Kochel, H. John Witman.

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*Conferred on Founders' Day, February 20, 1919.

ALUMNI ORGANIZATIONS

THE ALUMNI ASSOCIATION

Graduates of the College and all persons admitted to a degree higher than the first in the institution are eligible to membership.

The Association is entitled to a representation of five members in the Board of Directors. These members are nominated by the Association and serve five years.

OFFICERS FOR 1918-1919

President—Miss Rhea E. Duryea, '08, Philadelphia.
Vice President—Ralph E. Miller, '05, Collegeville, Pa.
Secretary and Treasurer—Rev. Calvin D. Yost, '91, Collegeville, Pa.
Historian—Carl G. Petri, '00, Spring City, R. F. D., Pa.
Librarian—W. A. Kline, '93, Collegeville, Pa.

THE ALUMNI ATHLETIC CLUB

President—D. R. Faringer, M.D., '06, Philadelphia.
Secretary—W. R. Douthett, '12, Wayne, Pa.
Treasurer—R. E. Miller, '05, Collegeville, Pa.

THE URSINUS WOMAN'S CLUB

President—Miss Marion G. Spangler, '03, Philadelphia.
Secretary—Mrs. Homer Smith, Collegeville.
Treasurer—Mrs. G. L. Omwake, Collegeville.

ALUMNI ORATORS

1878	Rev. J. G. Neff, A.B., '74.....	Deceased.
1879	J. A. Strassburger, Esq., A.M., '73..	Deceased.
1880	Rev. D. W. Ebbert, A.M., D.D., '75..	Barberton, Ohio.
1881	F. G. Hobson, Esq., A.M., LL.D., '76.	Deceased.
1882	Prof. A. M. Tice, A.M., '74.....	Deceased.
1883	Rev. D. U. Wolff, A.M., D.D., '75...	Myerstown, Pa.
1884	Rev. P. Y. Shelly, A.B., D.D., '77...	Philadelphia.
1885	Rev. A. B. Markley, A.B., Ph.D., '76.	Zanesville, Ohio.
1886	Rev. F. F. Bahner, A.M., D.D., '73..	Waynesboro, Pa.
1887	Rev. M. H. Groh, A.M., '74.....	Deceased.
1888	Rev. G. S. Sorber, A.M., D.D., '76....	York, Pa.
1889	Rev. J. Perry Beaver, A.B., '80.....	Nassau, N. Y.
1890	Rev. Francis C. Yost, A.B., D.D., '76.	Philadelphia.
1891	Rev. E. R. Cassaday, A.M., '77.....	Philadelphia.
1892	Rev. J. H. Bomberger, A.M., D.D., '77.	Deceased.

Alumni Orators

1893	Prof P. C. Mensch, M.D., Ph.D., '87.	Deceased.
1894	Rev. S. L. Messinger, A.M., D.D., '85.	Trappe, Pa.
1895	Rev. J. W. Meminger, A.B., D.D., '84.	Lancaster, Pa.
1896	Rev. Charles E. Wehler, D.D., '87.	Frederick, Md.
1897	A. W. Bomberger, Esq., A.M., '82...	Deceased.
1898	Ira L. Bryner, Esq., A.M., '92.....	Alameda, Cal.
1899	Rev. J. Lewis Fluck, A.M., D.D., '88.	Myerstown, Pa.
1900	Eleanor B. Price, B.S., A.M., '86...	Philadelphia.
1901	Rev. Edward S. Bromer, D.D., '90...	Greensburg, Pa.
1902	Rev. W. H. Wotring, A.M., D.D., 89.	Nazareth, Pa.
1903	Irvin C. Williams, A.B., LL.B., '91..	Royersford, Pa.
1904	Rev. I. Calvin Fisher, D.D., '89....	Lebanon, Pa.
1905	Alvin Hunsicker, B.S., '84.....	New York City.
1906	William J. Hinke, Ph.D., D.D. '94..	Auburn, N. Y.
1907	Rev. Calvin D. Yost, A.M., B.D., '91.	Collegeville, Pa.
1908	Rev. Paul H. Land, Ph.D., '92	New York City.
1909	Maj. Robert M. Yerkes, Ph.D., '97..	Washington, D. C.
1910	Rev. Edward F. Wiest, D.D., '93....	Lebanon, Pa.
1911	Edwin Miller Fogel, Ph.D., '94.....	Philadelphia.
1912	George Stibitz, Ph.D., D.D., '81	Dayton, Ohio.
1913	Ralph Huston Spangler, M.D., '97.	Philadelphia.
1914	Rev. A. D. Wolfinger, D.D., '09...	Newton, N. C.
1915	Chas. A. Wagner, A.M., Ph..D, '06.	Chester, Pa.
1916	Rev. Albert N. Stubblebine, B.D., '96.	Dallas, Texas.
1917	Mary E. Markley, A.M., '02.....	New York City.
1918	Prof. Ralph L. Johnson, A.M., '97.	Philadelphia.

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